

4720 South Santa Fe Circle, Suite 6 Englewood, Colorado 80110-6488 303/781-8211 303/781-1167 Fax

May 1, 2003

Fluid Minerals Group Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.

RBU 14-10E, 114' FNL, 1,471' FWL, NE/4 NW/4, Section 15, T10S, R19E, SLB&M,
1,000' FSL, 1,850' FWL, SE/4 SW/4, Section 10, T10S, R19E, SLB&M
Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced directional well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan with Directional Drilling Proposal;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Agent for Dominion

cc: Diana Mason, Division of Oil, Gas and Mining Carla Christian, Dominion Marty Buys, Buys & Associates, Inc. RECEIVED

MAY 2 3 2003

DIV. OF OIL, GAS & MINING



CONFIDENTIAL

Form 3160-3

SUBMIT IN **PLICATE*** Form approved.

(December 1990)			UNITED STATES	3	(Other instruction reverse side)		Budget Bureau No. Expires: December 3	
		DEPAR	TMENT OF THE I				5. LEASE DESIGNATION A	ND SERIAL NO.
0 1			EAU OF LAND MANAG				U-013766	
	APPLICA'	TION F	OR PERMIT TO	DRILL OR	DEEPEN		6. IF INDIAN, ALLOTTEE O	R TRIBE NAME
	ATTEICA	110111	ORT DATE:				N/ <u>A</u>	
la. TYPE OF WORK	DDII I	1771	DEEDEN				7. UNIT AGREEMENT NAM	Œ
	DRILL	E)	DEEPEN	L			River Bend Ur	
b. TYPE OF WELL	GAS _			SINGLE	MULTIPLE	_	8. FARM OR LEASE NAME,	WELL NO
WELL	WELL 🔯	OTHER		ZONE X	ZONE		RBU 14-10E	
2. NAME OF OPERATOR	R						9. API WELL NO.	
D	ominion Expl	oration &	Production, Inc.				43-047-34	
3. ADDRESS AND TELE					• •		10. FIELD AND POOL, OR V	VILDCAT
17	non Ouail Sn	rings Par	kway, Suite 600, Okla	homa City OK	73134, 405-74	49-6690	Natural Buttes	
4. LOCATION OF WELL	(Report location clear	ly and in accord	lance with any State requirements.*)	20	05/00	11 SEC ,T ,R ,M., OR BLK	
At surface 44231	46 Y 20 4538	A' ENII	BHC LATERNI Justici Ci	Y NF/4 NW/4	Section 15 39.	95690	^	
At proposed prod. kone	12× 21,1	MAAY EST	kway, Suite 600, Okie Jance with any State requirements.* 1,471' FWL 4423480 . 1,850' FWL 60495	Y SE/A SW/A S	ection 10	.77124	BHUT10S, R19E, S	SLB&M
14 DISTANCE IN MILE			ST TOWN OR POST OFFICE*	3L/4 3 W/4, D	ection to	*	12. COUNTY OR PARISH	13. STATE
14 DISTRICE IN MEDI			s southwest of Ouray,	Utah			Uintah	Utah _
15. DISTANCE FROM PI		.JJ IIIIes	I6 NO	OF ACRES IN LEASE			OF ACRES ASSIGNED	
LOCATION TO NEA	REST		1			топ	HIS WELL	
PROPERTY OR LEA (Also to nearest drig.)		114'		1280		4	0 acres	
18 DISTANCE FROM P		117	19. PR	OPOSED DEPTH		20. ROTAR	Y OR CABLE TOOLS	
LOCATION TO NEA						1		
DRILLING, COMPL APPLIED FOR, ON T		110'	ŀ	7,500'		R	Cotary	
21. ELEVATIONS (Show	whether DF,RT,GR,e			7,000		22	APPROX DATE WORK WILL	START*
·						l l	D 1 2002	•
		5,115	GR	VID CEL CELEBIC	DOCD ANA		December 1, 2003)
23			PROPOSED CASING A		KUUKAM		TITLY OF OFMENT	
SIZE OF HOLE	GRADE, SIZE C	F CASING	WEIGHT PER FOOT	SETTING DEPTH		QUAN	TITY OF CEMENT	
17-1/2"	13-3/8" H-4	0 ST&C	48#	500'	450 sacks Class (G cement + 2% C	$CaCl_2 + 1/4 \#/sk$. Poly-E-F	lakes
12-1/4"	9-5/8" J-55	LT&C	36#	2,800'	300 sacks Lead a	and 390 sacks Tai	il (see Drilling Plan)	

Bond Information:

7-7/8"

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

Other Information:

Target Lease designation is U-013792 containing 1,882.20

Drilling Plan and Surface Use Plan are attached.

5-1/2" Mav-80 LT&C 17#

Dominion requests that this complete application for permit to drill be held confidential.

7,500

A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path.

RECEIVED

90 sacks Lead and 600 sacks Tail (see Drilling Plan)

MAY 2 3 2003

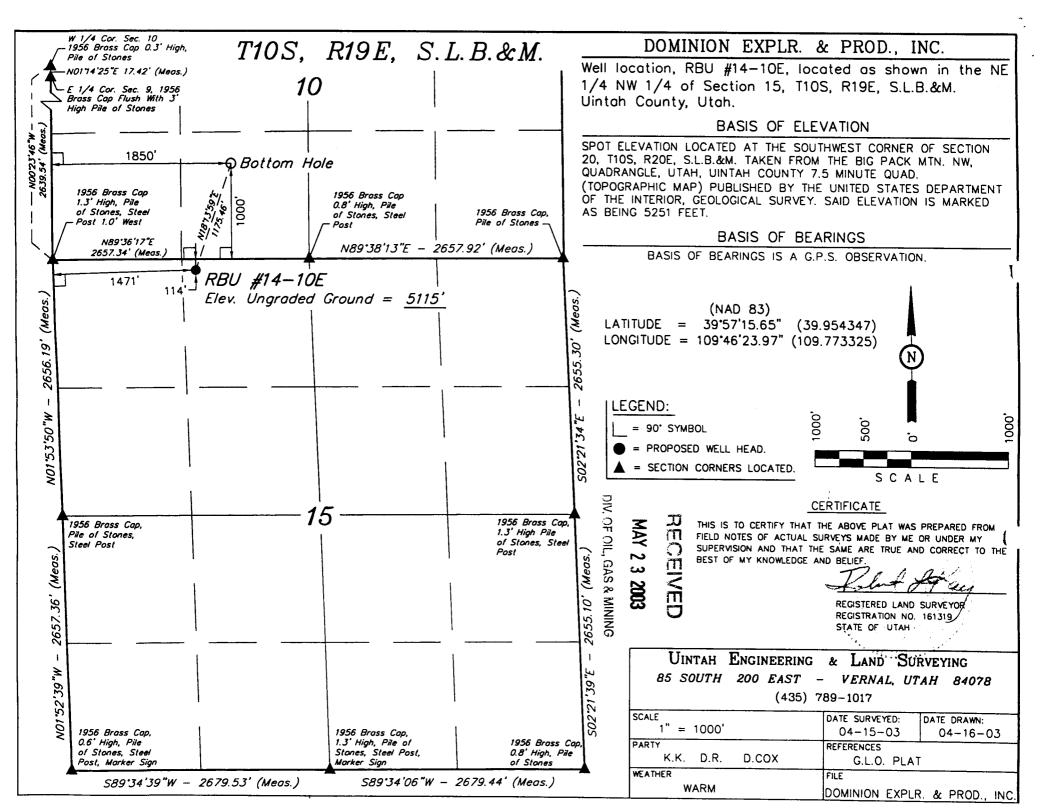
CONFIDENTIAL

DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give and measured and true vertical depths. Give blowout preventer program, if any

pcit	Inclit data on substitute it	, , , , , , , , , , , , , , , , , , ,		•	• •		
24.	SIGNED Don	Hamilton	Don Hamilton	TITLE	Agent for Dominion	DATE May 1, 2003	
	(This space for Federal	or State office use)	(
	PERMIT NO. 4	3-047-349	75[_ APPROVAL DATE		
	Application approva	I does not warrant or cer	rtily that the applicant ho	lds legal or e	quitable title to those rights in the subject leas	e which would entitle the applicant to conduct operations the	hereor
	CONDITIONS OF APP	PROVALL VE ANY	$i \setminus \cdot $				
	A DODOUGED DV	. Dun Cl		TITLE		DATE 05 - 28-03	
	APPROVED BY	100					
) \ <\	\ .	~ •		_	

*See Instructions On Reverse Side Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the



DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

RBU 14-10E

SHL: 114' FNL & 1471' FWL Section 15-10S-19E BHL: 1000' FSL & 1850' FWL Section 10-10S-19E

Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Green River	1,621
Wasatach Tongue	4,531
Uteland Limestone	4,861
Wasatch	5.021
Chapita Wells	5,921
Uteland Buttes	6,121

3. ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	Type	
Green River	1.621'	Oil	
Wasatch Tongue	4.531	Oil	
Uteland Limestone	4,861	Oil	
Wasatch	5,021	Gas	
Chapita Wells	5,921	Gas	
Uteland Buttes	6,121	Gas	

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	Weight	<u>Grade</u>	Conn.	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>	
Surface	13-3/8"	48.0 ppf	H-40	STC	0,	500'	17-1/2"	
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0,	2,800	12-1/4"	
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0,	7,500'	7-7/8``	

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

<u>Production hole</u>: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	Mud Weight (ppg)	Mud System
0'-500'	8.4	Air foam mist, no pressure control
500' - 2,800'	8.6	Fresh water, rotating head and diverter
2,800' - 7,500'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

DRILLING PLAN

APPROVAL OF OPERATIONS

12. **CEMENT SYSTEMS**

Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,800'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water,
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

					<u>Hole</u>	Cement	
Type	Sacks 5	<u>Interval</u>	Density	<u>Yield</u>	<u>Volume</u>	<u>Volume</u>	Excess
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	658 CF	1.152 CF	75%
Tail	390	2,000:-2,800	15.6 ppg	1.20 CFS	268 CF	469 CF	75%

Lead Mix:

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry weight:

Slurry yield:

3.82 cf/sack

Water requirement: 22.95 gal/sack Compressives (a) 130°F: 157 psi after 24 hours

Tail Mix:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.

1 hr. 5 min. (a) 90 °F. Pump Time: Compressives (a) 95 °F: 24 Hour is 4,700 psi

c. Production Casing Cement:

- Drill 7-7/8" hole to 7,500'±, run and cement 5 1/2".
- Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
- Displace with 3% KCL.

					<u>Hole</u>	Cement	
<u>Type</u>	Sacks Sacks	<u>Interval</u>	Density	Yield	<u>Volume</u>	<u>Volume</u>	Excess
Lead	90	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4.500'-7.500'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

Note: Caliper will be run to determine exact cement volume.

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7. Lead Mix: 11.60 #/gal.

Slurry yield: Water requirement: 3.12 cf/sack

17.71 gal/sack

Compressives (a), 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

Slurry weight:

& HR-5.

Slurry yield: Water requirement:

1.75 cf/sack 9.09 gal/sack

Slurry weight:

13.00 #/gal.

11.00 #/gal.

Compressives (a) 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date:

December 1, 2003

Duration:

14 Days



Dominion Exploration & Production, Inc. Utah Uintah County RBU 14-10E

Sperry-Sun

Proposal Report

1 May, 2003

Proposal Ref: pro5986

HALLIBURTON

Proposal Report for RBU 14-10E

						37 47 . 1	B 1
Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.000	0.000	0.00	0.00 N	0.00 E	0.00	
600.00	0.000	0.000	600.00	0.00 N	0.00 E	0.00	0.000
700.00	3.000	18.789	699.95	2.48 N	0.84 E	2.62	3.000
800.00	6.000	18.789	799.63	9.90 N	3.37 E	10.46	3.000
900.00	9.000	18.789	898.77	22.26 N	7.57 E	23.51	3.000
1000.00	12.000	18.789	997.08	39.51 N	13.44 E	41.74	3.000
1100.00	15.000	18.789	1094.31	61.61 N	20.96 E	65.08	3.000
1184.70	17.541	18.789	1175.61	84.07 N	28.60 E	88.80	3.000
2000.00	17.541	18.789	1953.00	316.70 N	107.75 E	334.53	0.000
3000.00	17.541	18.789	2906.50	602.03 N	204.82 E	635.91	0.000

4000.00	17.541	18.789	3860.00	887.35 N	301.89 E	937.30	0.000
4440.76	17.541	18.789	4280.27	1013.11 N	344.68 E	1070.14	0.000
4500.00	16.060	18.789	4336.98	1029.32 N	350.19 E	1087.26	2.500
4600.00	13.560	18.789	4433.65	1053.52 N	358.42 E	1112.82	2.500
4700.00	11.060	18.789	4531.34	1073.70 N	365.29 E	1134.14	2.500
4800.00	8.560	18.789	4629.87	1089.83 N	370.78 E	1151.18	2.500
4900.00	6.060	18.789	4729.05	1101.88 N	374.88 E	1163.90	2.500
5000.00	3.560	18.789	4828.69	1109.81 N	377.58 E	1172.28	2.500
5100.00	1.060	18.789	4928.60	1113.63 N	378.87 E	1176.31	2.500
5142.40	0.000	0.000	4971.00	1114.00 N	379.00 E	1176.71	2.500
7671.40	0.000	0.000	7500.00	1114.00 N	379.00 E	1176.71	0.000

All data is in Feet (US Survey) unless otherwise stated. Directions and coordinates are relative to True North. Vertical depths are relative to Well. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100 feet (US Survey). Vertical Section is from Well and calculated along an Azimuth of 18.789° (True).

Based upon Minimum Curvature type calculations, at a Measured Depth of 7671.40ft., The Bottom Hole Displacement is 1176.71ft., in the Direction of 18.789° (True).

Comments

Measured	Sta	ation Coordi	nates	
Depth (ft)	TVD (ft)	Northings (ft)	Eastings (ft)	Comment
0.00	0.00	0.00 N	0.00 E	Surface Location: 114 FNL & 1471 FWL, Sec. 15-T10S-R19E
600.00	600.00	0.00 N	0.00 E	Kick-Off at 600.00ft
892.35	891.21	21.14 N	7.19 E	Build Rate = 3.000°/100ft
1184.70	1175.61	84.07 N	28.60 E	End of Build at 1184.70ft
2812.73	2727.94	548.59 N	186.64 E	Hold Angle at 17.541°
4440.76	4280.27	1013.11 N	344.68 E	Begin Drop to Vertical at 4440.76ft
4791.58	4621.55	1088.63 N	370.37 E	Drop Rate = 2.500°/100ft
5142.40	4971.00	1114.00 N	379.00 E	End of Drop at 5142.40ft
6406.90	6235.50	1114.00 N	379.00 E	Hold Angle at 0.000°
7671.40	7500.00	1114.00 N	379.00 E	Total Depth at 7671.40ft

Utah

Uintah County

Proposal Report for RBU 14-10E

Formation Tops

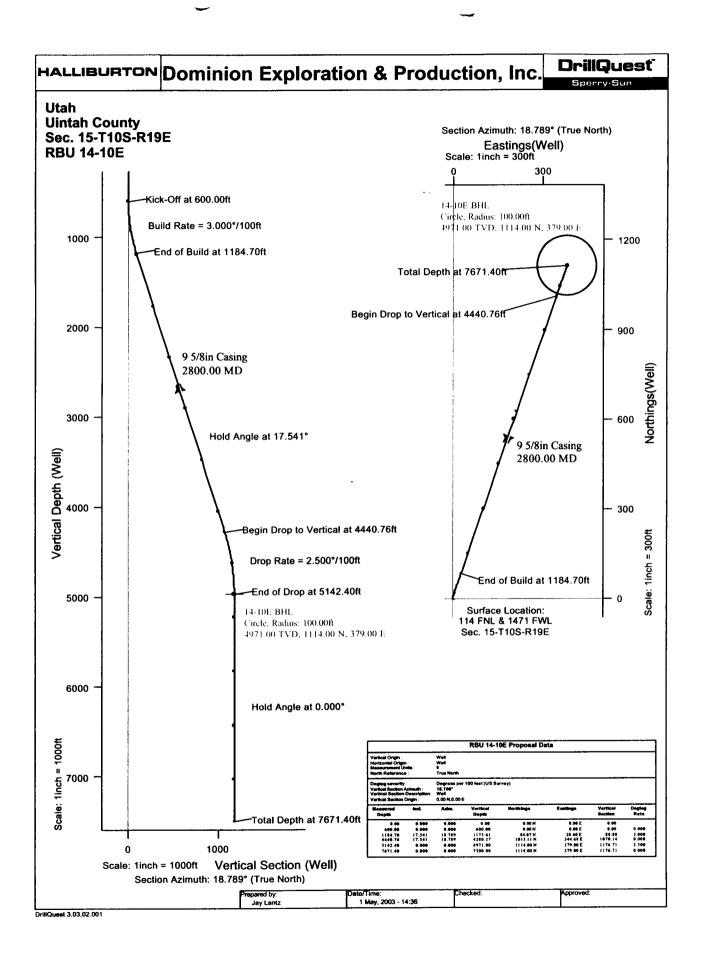
Formation Plane		lane	P	rofile	Penetration Point			
(Belov	v Well Oriç	gin)	Measured	Vertical	Sub-Sea			
Sub-Sea (ft)	Dip Angle	Dn-Dip Dirn.	Depth (ft)	Depth (ft)	Depth (ft)	Northings (ft)	Eastings (ft)	Formation Name
-3509.00	0.000	181.106	1651.81	1621.00	-3509.00	217.35 N	73.95 E	Green River
-599.00	0.000	181.106	4699.65	4531.00	-599.00	1073.64 N	365.27 E	Wasatch Tongue
-269.00	0.000	181.106	5032.36	4861.00	-269.00	1111.50 N	378.15 E	Uteland Limestone
-109.00	0.000	181.106	5192.40	5021.00	-109.00	1114.00 N	379.00 E	Wasatch
791.00	0.000	181.106	6092.40	5921.00	791.00	1114.00 N	379.00 E	Chapita Wells
991.00	0.000	181.106	6292.40	6121.00	991.00	1114.00 N	379.00 E	Uteland Buttes

Casing details

Fr	o m	To		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Casing Detail
<surface></surface>	<surface></surface>	2800.00	2715.80	9 5/8in Casing

Targets associated with this wellpath

	Target	: Entry Coordi	nates		
Target Name	TVD (ft)	Northings (ft)	Eastings (ft)	Target Shape	Target Type
14-10E BHL	4971.00	1114.00 N	379.00 E	Circle	Current Target



SURFACE USE PLAN

CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

RBU 14-10E

SHL: 114' FNL & 1471' FWL Section 15-10S-19E BHL: 1000' FSL & 1850' FWL Section 10-10S-19E

Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The onsite inspection for the referenced well was conducted on Tuesday, April 22, 2003 at approximately 9:15 am. In attendance at the onsite inspection were the following individuals:

Gary Dye
Stephanie Howard
Dixie Sadler
Robert Kay
Colby Kay
Brent Stubbs
Lonnie Hogan
Don Hamilton

Company Representative Environmental Scientist Wildlife Biologist Registered Land Surveyor

Registered Land St Crew Chief / PLS Owner / Operator Owner / Operator Permitting Agent Dominion Exploration & Production, Inc.

Bureau of Land Management Bureau of Land Management

Uintah Engineering and Land Surveying Uintah Engineering and Land Surveying Stubbs & Stubbs Oil Field Construction

LaRose Construction Buys & Associates, Inc.

1. Existing Roads:

- a. The proposed well site is located approximately 10.55 miles southwest of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance is necessary to access the River Bend Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing federal unit boundary.

2. Planned Access Roads:

a. No new access is proposed with this application since the proposed well utilizes the existing RBU 3-15E pad.

3. Location of Existing Wells:

a. Following is a list of existing wells within a one mile radius of the proposed well:

i.	Water wells	None
ii.	Injection wells	None
iii.	Disposal wells	None
iv.	Drilling wells	None
v.	Temp. shut-in wells	None
vi.	Producing wells	29
vii.	Abandon wells	2

b. Exhibit B is a map reflecting these wells within a one mile radius of the proposed well.

4. <u>Location of Production Facilities</u>:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required complying with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will trend north and tie into the existing RBU 3-15E pipeline corridor.

- i. The gas pipeline will be a 4" steel surface line within a 20' wide utility corridor. The use of the proposed pad will facilitate the staging of the pipeline construction. A pipeline length of less than 200' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. <u>Location and Type of Water Supply:</u>

a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from BLM.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the south side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material overlaying a felt liner pad. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as

necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.

- Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, an application for approval of a permanent disposal method and location will be applied for in accordance with Onshore Order #7.
- I. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be along existing access from the east.
- c. The pad designs are consistent with BLM specification
- d. A pre-construction meeting with a responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.

- The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- 1. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- c. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- d. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix is as follows:

Shads Scale 5 pounds per acre
Galleta Grass 4 pounds per acre
Crested Wheat Grass 3 pounds per acre

11. Surface and Mineral Ownership:

a. Both Surface and Mineral Ownership is Federal under the management of the Bureau of Land Management – Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological will conduct a Class III archeological survey. A copy of the pending report will being submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Our understanding of the results of the onsite inspection are:
 - No Threatened and Endangered flora and fauna species were found during the onsite inspection.
 - b. No significant nesting raptors species are anticipated in the area since suitable nesting habitat does not exist.
 - c. No drainage crossings that require additional State or Federal approval are being crossed
 - d. The disturbance is located in an area of critical soils, additional precaution will be taken to insure that excessive erosion does not occur.

13. Operator's Representative and Certification

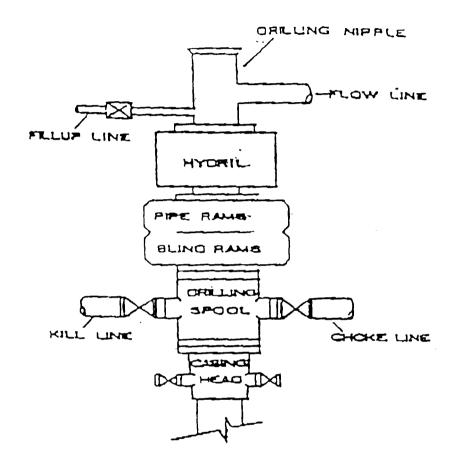
Title	Name	Office Phone
Company Representative (Roosevelt)	Mitchiel Hall	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

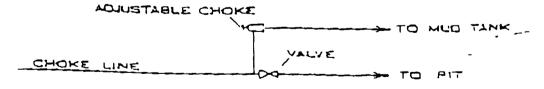
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 5-1-03

BOF STACK



CHOKE MANIFOLD

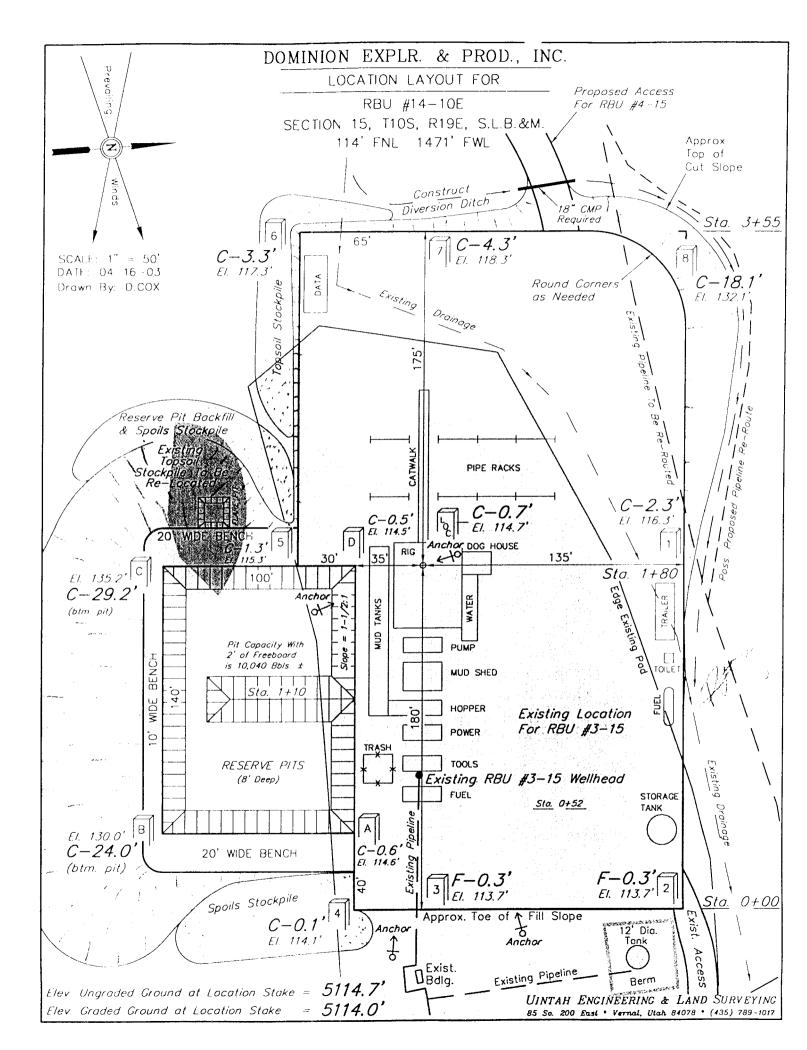


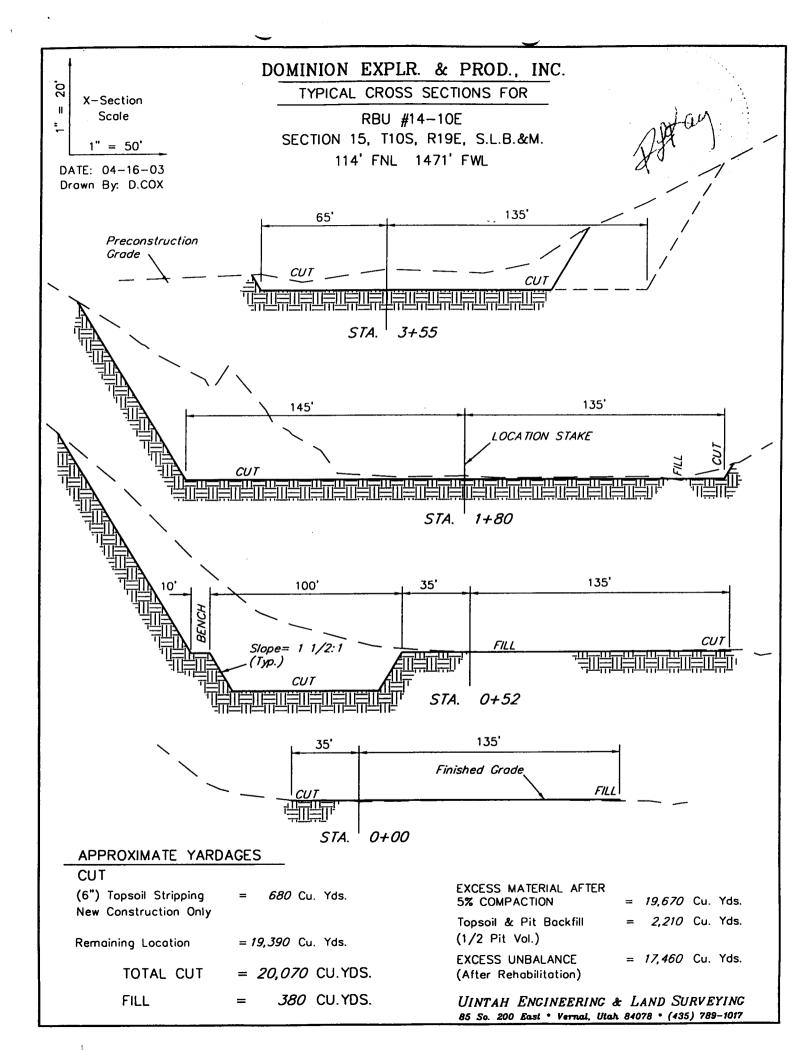
DOMINION EXPLR. & PROD., INC. RBU #14-10E

SECTION 15, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH, PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND SOUTHWESTERLY DIRECTION PROCEED IN A WESTERLY, THEN APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; PROCEED IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 2.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMIATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE RBU #3-15 AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.3 MILES.





DOMINION EXPLR. & PROD., INC.

LOCATED IN UINTAH COUNTY, UTAH SECTION 15, T10S, R19E, S.L.B.&M.

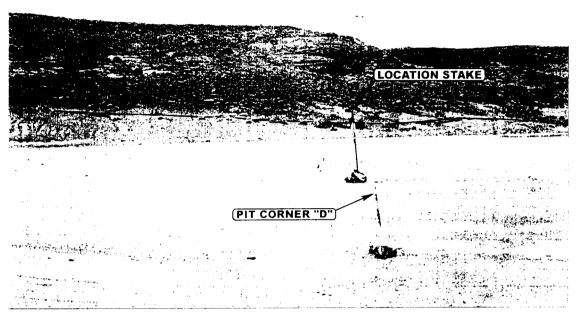


PHOTO: VIEW FROM PIT CORNER "D" TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY

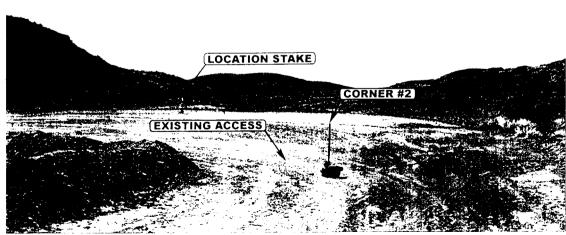


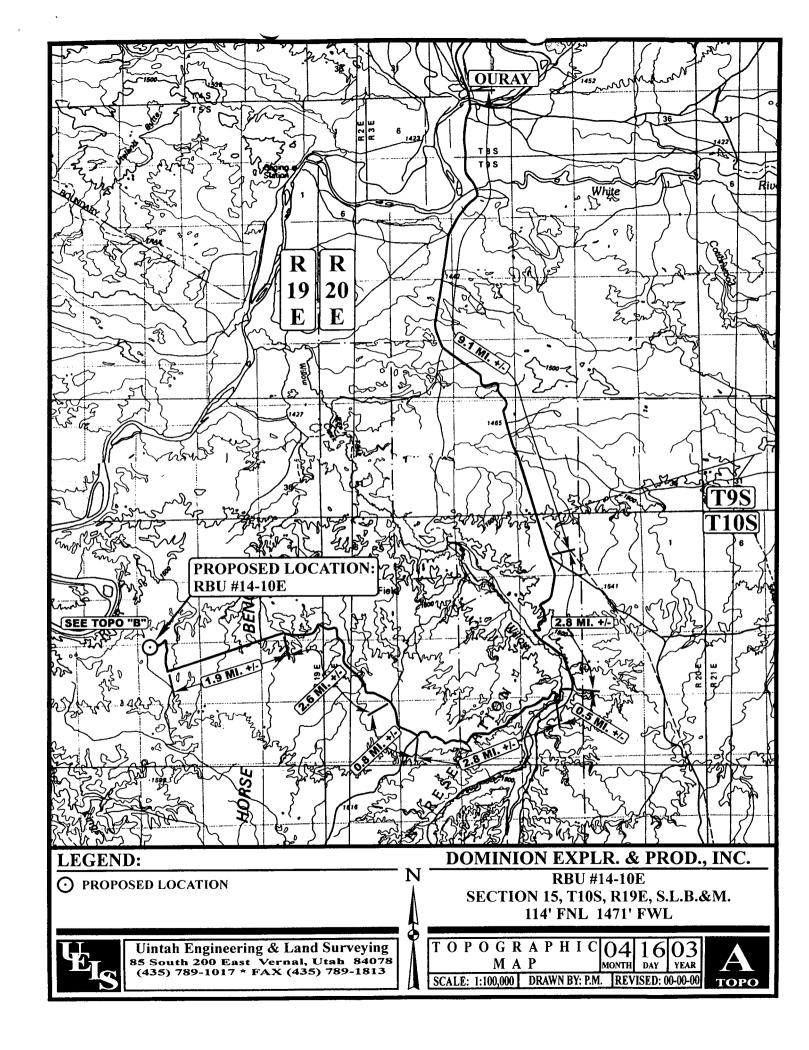
PHOTO: VIEW OF EXISTING ACCESS

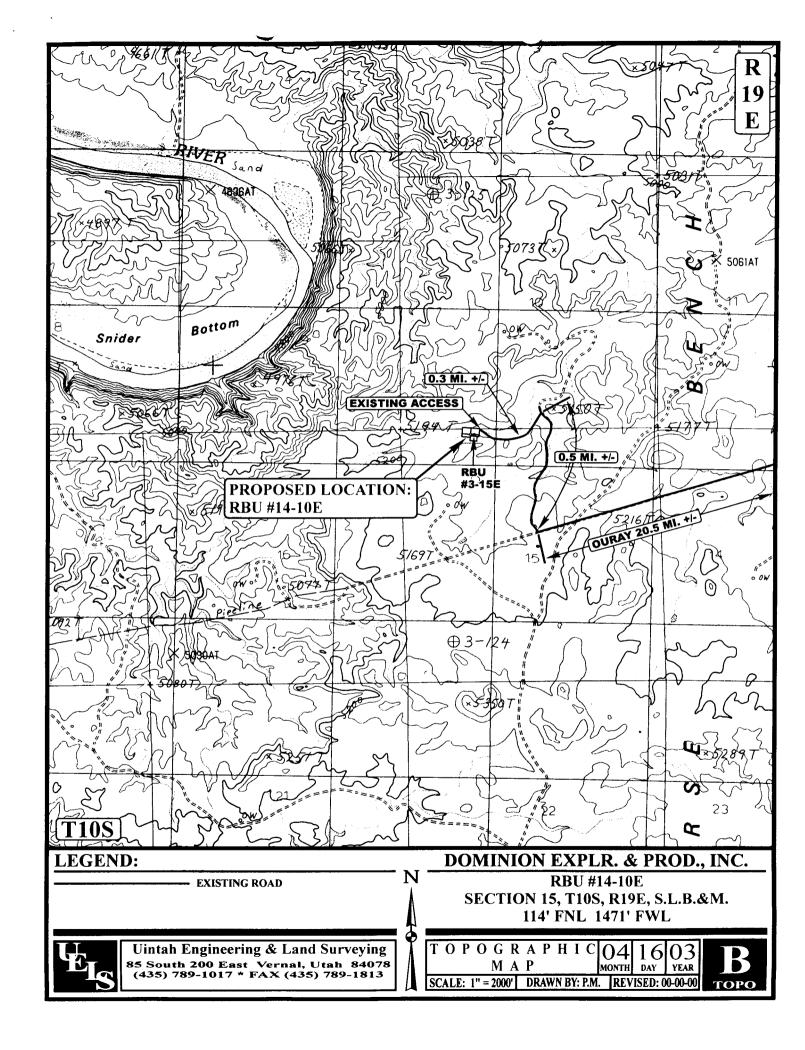
CAMERA ANGLE: SOUTHWESTERLY

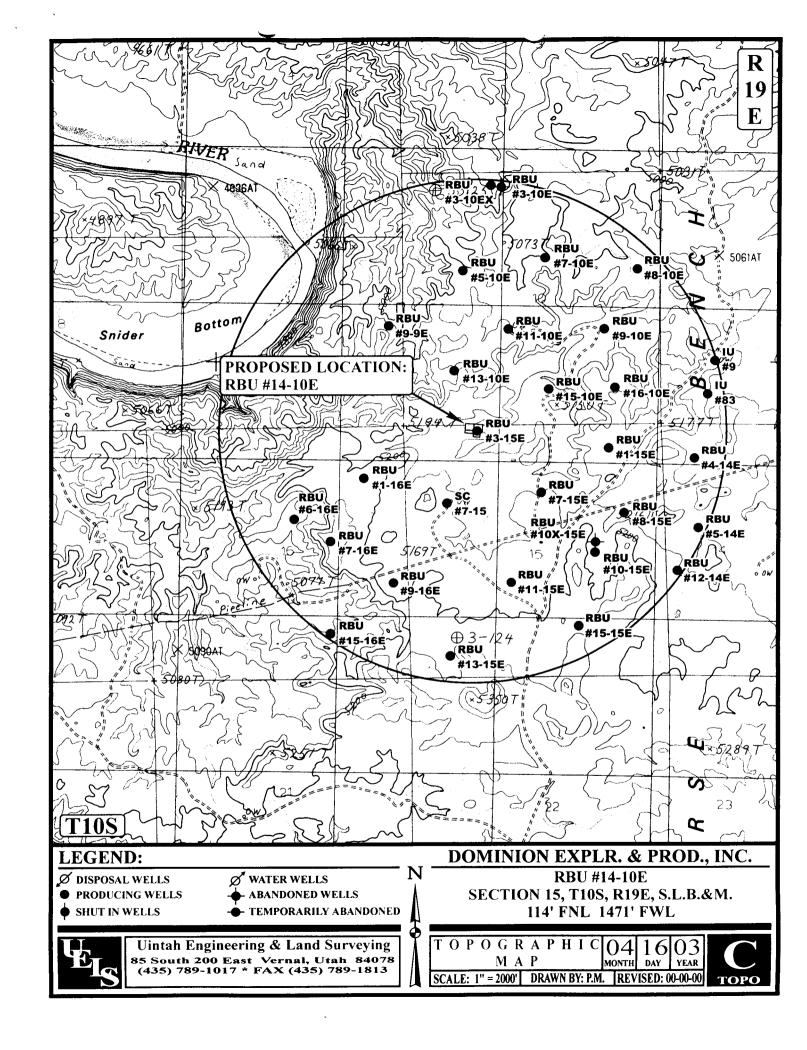


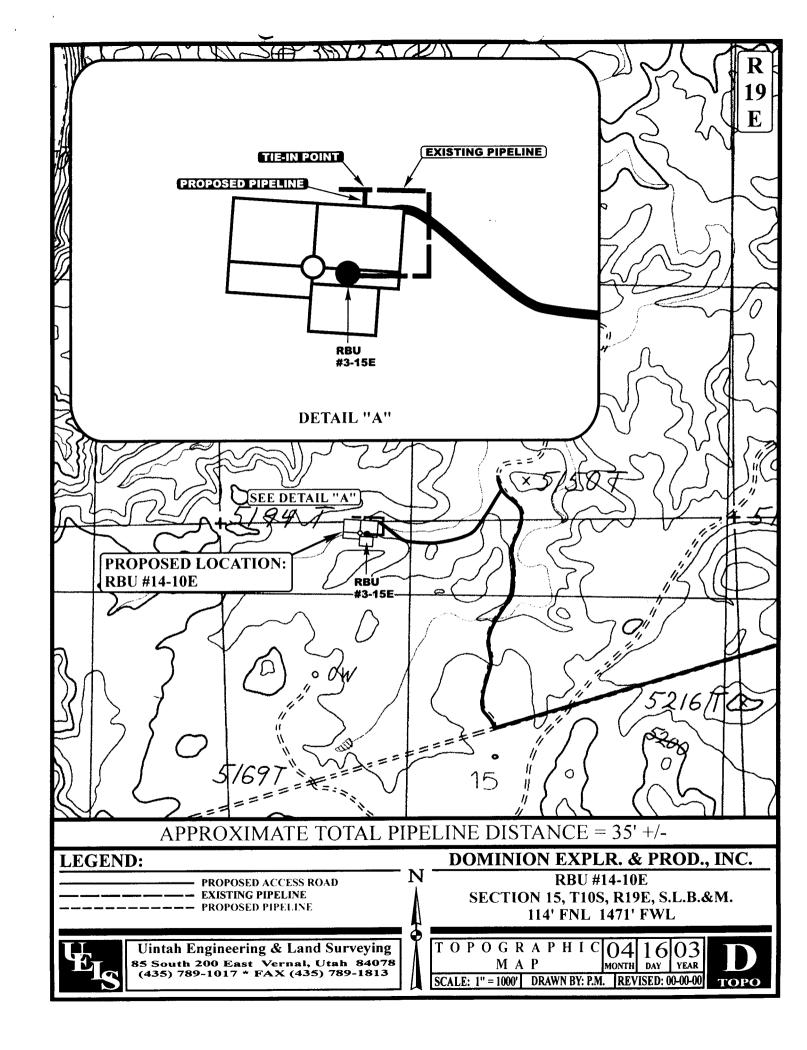
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels a uelsinc.com

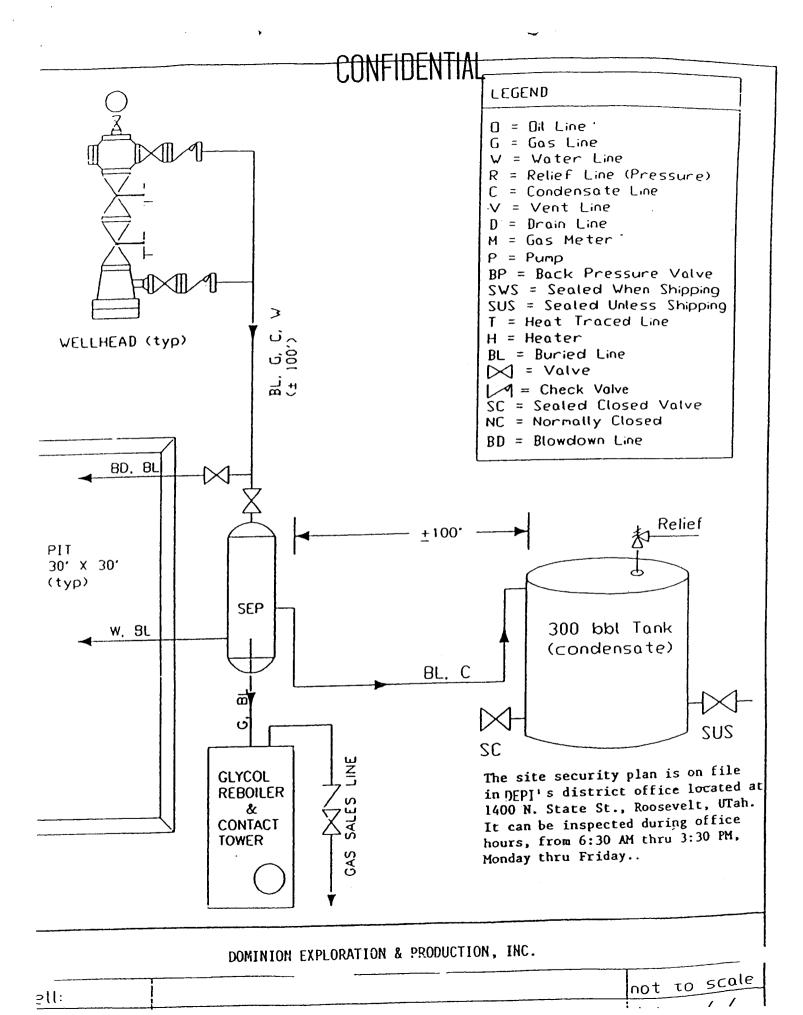
		MONTH	DAY	YEAR	РНОТО
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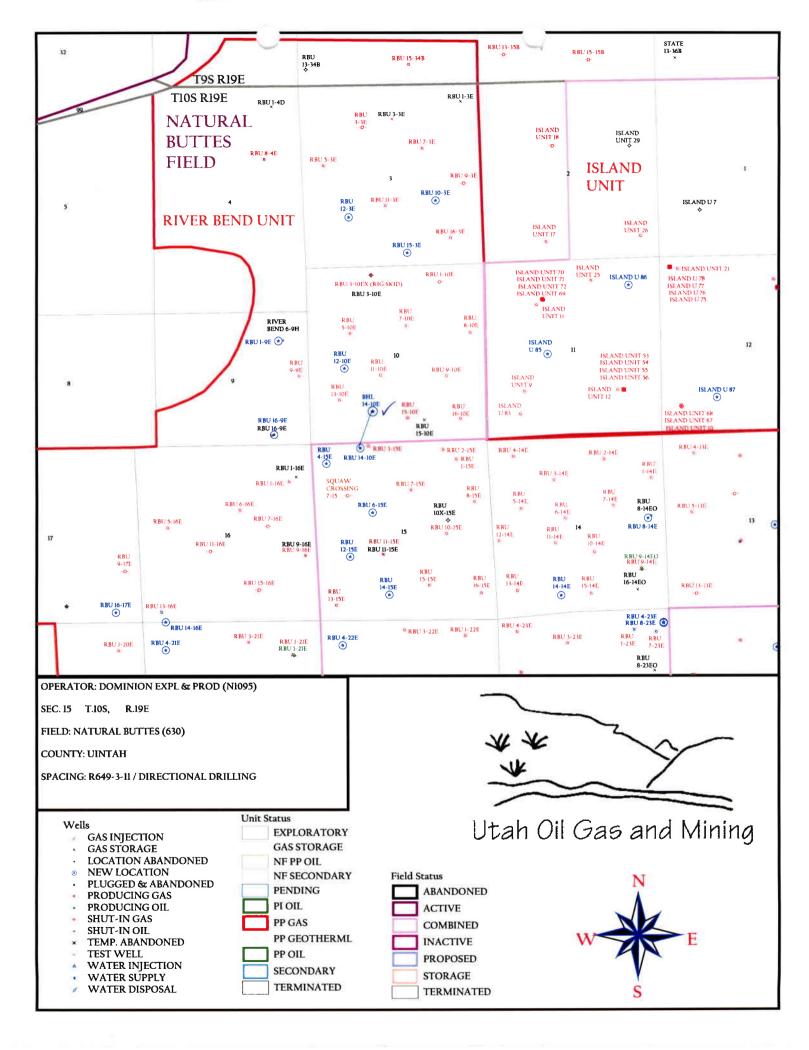






WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/23/2003	API NO. ASSIGNED: 43-047-34975
WELL NAME: RBU 14-10E OPERATOR: DOMINION EXPL & PROD (N1095) CONTACT: DON HAMILTON	PHONE NUMBER: 435-687-5310
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
NENW 15 100S 190E SURFACE: 0114 FNL 1471 FWL	Tech Review Initials Date
SESW BOTTOM: 1000 FSL 1850 FWL Sec. 10 UINTAH	Engineering
NATURAL BUTTES (630)	Geology
LEASE TYPE: 1 - Federal	Surface
LEASE NUMBER: U-013766 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: WSTC	LATITUDE: 39.95385 LONGITUDE: 109.77264
### Plat ### Plat ### Bond: Fed[1] Ind[] Sta[] Fee[] ### (No. 76S630500330) ### Potash (Y/N) ### Dil Shale 190-5 (B) or 190-3 or 190-13 ### Water Permit ### (No. 43-10447) ### RDCC Review (Y/N) ### CDate:	LOCATION AND SITING: R649-2-3. Unit RIVER BEND R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Well R649-3-3. Exception Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill
stipulations: 1- federal Approva 2 Spacing	ρ



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

May 28, 2003

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2003 Plan of Development River Bend Unit,

Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2003 within the River Bend Unit, Uintah County, Utah.

Api Number	Well		Location	
(Proposed PZ	Wasatch)			
43-047-34969 43-047-34970 43-047-34971 43-047-34972 43-047-34973 43-047-34974 43-047-34975	RBU 10-3E RBU 12-3E RBU 15-3E RBU 1-9E RBU 16-9E RBU 12-10E RBU 14-10E BHL:	Sec. 3 T Sec. 3 T Sec. 9 T Sec. 9 T Sec. 10 T	10S R19E 1919 10S R19E 1560 10S R19E 0343 10S R19E 0875 10S R19E 0281 10S R19E 2300 10S R19E 0114 1000	FSL 1284 FWL FSL 2312 FEL FNL 0870 FEL FSL 1114 FEL FSL 1000 FWL FNL 1471 FWL
43-047-34976 43-047-34977 43-047-34978 43-047-34979 43-047-34980 43-047-34982 43-047-34982	RBU 16-13E RBU 8-14E RBU 6-15E RBU 12-15E RBU 14-15E RBU 16-17E RBU 8-21E RBU 4-22E	Sec. 14 T Sec. 15 T Sec. 15 T Sec. 15 T Sec. 17 T Sec. 21 T	10S R19E 0541 10S R19E 2563 10S R19E 2065 10S R19E 1930 10S R19E 0780 10S R19E 0302 10S R19E 2021 10S R19E 0739	FSL 0800 FEL FNL 0396 FEL FNL 1842 FWL FSL 0877 FWL FSL 2051 FWL FSL 0813 FEL FNL 0769 FEL FNL 0661 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - River Bend Unit

Division of Oil Gas and Mining

Agr. Sec. Chron Fluid Chron

MCoulthard:mc:5-28-3



Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 (801) 538-5340 telephone (801) 359-3940 fax (801) 538-7223 TTY www.nr.utah.gov

May 28, 2003

Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134

Re:

River Bend Unit 14-10E Well, Surface Location 114' FNL, 1471' FWL, NE NW, Sec. 15,

T. 10 South, R. 19 East, Bottom Location 1000' FSL, 1850' FWL, SE SW, Sec. 10,

T. 10 South, R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34975.

Sincercity,

John R. Baza Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office



Operator:	Dominion Exploration & Production, Inc.				
Well Name & Number	River Bend Unit 14-10E				
API Number:	43-047-34975				
Lease:	U-013766				
Surface Location: NE NW	Sec. 15	T. 10 South	R. _19 East_		
Bottom Location: SE SW	Sec. 10	T. 10 South	R. 19 East		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Form 31-w-3 (December 1990)

UNITED STATES

'LICATE* SUBMIT IN " (Other instructions reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires: December 31, 1991

5.	LEASE	DESIGNATION	AND	SERIAL NO.	
	TT	012766			

006		TMENT OF THE L EAU OF LAND MANAG				5. LEASE DESIGNATION AT U-013766	ND SERIAL NO.
	APPLICATION F	OR PERMIT T	O DRILL OR	DEEPEN		6. IF INDIAN, ALLOTTEE O	R TRIBE NAME
1a. TYPE OF WORK	DRILL 🛛	DEEPEN				7. UNIT AGREEMENT NAM River Bend Un	
b. TYPE OF WELL OIL WELL	GAS WELL X OTHER		SINGLE ZONE	MULTIPLE ZONE		8. FARM OR LEASE NAME, RBU 14-10E	WELL NO.
2. NAME OF OPERATOR DO	ominion Exploration &	Production, Inc.	43.04	7.34975		9. API WELL NO.	
3. ADDRESS AND TELE	PHONE NO.					10. FIELD AND POOL, OR V	VILDCAT
14	000 Quail Springs Parl	cway, Suite 600, Okl	ahoma City, OK	73134, 405-7	49-6690	Natural Buttes	
4. LOCATION OF WELL At surface	(Report location clearly and in accord	ance with any State requirements.	NE/4 NW/4,			11. SEC., T., R., M., OR BLK. A SECTION	15
At proposed prod. zone	•	1,850' FWL	SE/4 SW/4, S			T10S, R19E, S	LB&M
14. DISTANCE IN MILES	S AND DIRECTION FROM NEARE		SLIT SWITE	occion to		12. COUNTY OR PARISH	13. STATE
	10 55 miles	southwest of Ouray,	Utah			Uintah	Utah
15. DISTANCE FROM PR LOCATION TO NEAR PROPERTY OR LEAS (Also to nearest drig. un	OPOSED* REST RE LINE, FT.	16. N	O. OF ACRES IN LEASE		то тні	ACRES ASSIGNED S WELL acres	
18. DISTANCE FROM PR LOCATION TO NEAL DRILLING, COMPLE APPLIED FOR, ON TI	OPOSED REST WELL, TED, OR	19. Pi	ROPOSED DEPTH 7,500'		Ro	or CABLE TOOLS	
21. ELEVATIONS (Show	whether DF,RT,GR,etc.)				22.	APPROX. DATE WORK WILL	START*
	5,115			······		December 1, 2003	
23.		PROPOSED CASING	AND CEMENTING	PROGRAM			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTI	TY OF CEMENT	
17-1/2"	13-3/8" H-40 ST&C	48#	500'	450 sacks Class	G cement + 2% Ca	Cl ₂ + 1/4 #/sk. Poly-E-F	lakes
12-1/4"	9-5/8" J-55 LT&C	36#	2,800'	300 sacks Lead a	and 390 sacks Tail	(see Drilling Plan)	
7-7/8"	5-1/2" Mav-80 LT&C	17#	7,500'	90 sacks Lead ar	nd 600 sacks Tail (s	see Drilling Plan)	

Bond Information:

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

RECEIVED

Other Information:

Target Lease designation is U-013792 containing 1,882.20

SEP 1 2 2003

Drilling Plan and Surface Use Plan are attached.

Dominion requests that this complete application for permit to drill be held confidential. DIV. OF OIL, GAS & MINING

A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to de	DEEEIVE	CONFIDENTIAL Tive zone. If proposal is to drill or deepen directionally, give
pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventor	er program, if any.	1,10,22,22
SIGNED Don Hamilton Don Hamilton TITLE	Agent for Dominion	May 1, 2003
(This space for Federal or State office use) PERMIT NO.	APPROVAL DATE NOTICE	OF APPROVAL
Application approval does not warrant or certify that the applicant holds legal or CONDITIONS OF APPROVAL, IEAN TITLE	equitable title to those rights in the subject lease which Assistant Field Manager Mineral Resources	would entitle the applicant to conduct operations thereon. DATE 09/09/2003

*See Instructions On Reverse Side Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the

03LW1410H

CONDITIONS OF APPROVAL ATTACHED

COAs Page 1 of 6 Well No.: RBU 14-10E

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: <u>Dominion E&P Inc</u>
Well Name & Number: River Bend Unit 14-10E
API Number: 43-047-34975
Lease Number: U-13766
Location: <u>SESW</u> Sec. <u>10</u> T. <u>10S</u> R. <u>19E</u>
Agreement: River Bend Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected</u> to be Encountered

Report <u>ALL</u> water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

COAs Page 2 of 6 Well No.: RBU 14-10E

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a <u>3M</u> system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

3. Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend 200' above the top of the fresh water identified at ± 4133 '.

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing

Please submit to this office, in LAS format, an electronic copy of all logs run on this well This submission will replace the requirement for submittal of paper logs to the BLM.

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

6. Notifications of Operations

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

COAs Page 3 of 6 Well No.: RBU 14-10E

Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery. All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

COAs Page 4 of 6 Well No.: RBU 14-10E

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman

(435) 828-7874

Petroleum Engineer

Kirk Fleetwood

(435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

COAs Page 5 of 6 Well No.: RBU 14-10E

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

COAs Page 6 of 6 Well No.: RBU 14-10E

CONDITIONS OF APPROVAL

For The Surface Use Program Of The Application For Permit To Drill

- Line the pit with plastic. Felt would not be required unless rocks are encountered.
- This well has critical to severe soil erosion conditions. In order to minimize watershed damage during muddy and wet periods, the authorized officer of the BLM may prohibit surface disturbing activities. This limitation does not apply to maintenance and operation of producing wells.
- Construct a diversion ditch around the north and west sides of the location.
- Reroute the pipeline around the north side of the location.
- The seed mix for this location shall be:

Shadscale	Atriplex confertifolia	5 lbs./acre
Galleta grass	Hilaria jamesii	4 lbs./acre
Crested wheatgrass	Agropyron cristatum	3 lbs./acre

-All pounds are in pure live seed.

-Reseeding may be required if first seeding is not successful.

- 4 to 6 inches of topsoil should be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding should take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 200

5. Lease Serial No.

SUNDRY	U-013766					
Do not use this abandoned we	s form for proposals to drill or to II. Use form 3160-3 (APD) for suc	re-enter an h proposals.		6. If Indian, Allottee or	Tribe Name	
SUBMIT IN TRI	PLICATE - Other instructions on	reverse side.	1	7. If Unit or CA/Agreen	ment, Name and/or No.	
1. Type of Well		TOUTH	and 7	8. Well Name and No. RBU 14-10E		
☐ Oil Well ☐ Gas Well ☐ Oth 2. Name of Operator	Contact: CARLA C	HRISTIAN la_M_Christian@dom		9. API Well No.		
DOMINIÓN EXPL. & PROD.,		43-047-34975 10. Field and Pool, or Exploratory				
3a. Address 14000 QUAIL SPRINGS PAR OKLAHOMA CITY, OK 73134	KWAY, SUITE 600 Ph: 405	No. (include area code) .749.5263 749.6690	,	NATURAL BUTT		
4. Location of Well (Footage, Sec., T	, R., M., or Survey Description)			11. County or Parish, a	nd State	
Sec 15 T10S R19E NENW 11	4FNL 1471FWL			UINTAH COUNT	Y, UT	
12. CHECK APPI	ROPRIATE BOX(ES) TO INDICA	TE NATURE OF 1	NOTICE, RI	EPORT, OR OTHER	DATA	
TYPE OF SUBMISSION		TYPE O	FACTION			
Notice of Intent	☐ Acidize ☐ I	Deepen	☐ Product	ion (Start/Resume)	☐ Water Shut-Off	
_	☐ Alter Casing ☐ F	Fracture Treat	☐ Reclama	ation	☐ Well Integrity	
☐ Subsequent Report	☐ Casing Repair ☐ N	New Construction	☐ Recomp		Other Change to Original A	
☐ Final Abandonment Notice		Plug and Abandon		arily Abandon	PD PD	
	Convert to Injection F	Plug Back	☐ Water D	-		
Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for f	ally or recomplete horizontally, give subsurfick will be performed or provide the Bond No operations. If the operation results in a mu handonment Notices shall be filed only after inal inspection.) The the TD to 8,700'. Please find attack the TD to 8,700'. Please find attack the TD to 8,700'. Gas and Minimus Oil, Gas and Minimus Oate.	o. on file with BLM/BIA ltiple completion or recc all requirements, includ ched a new drilling p	 Required submpletion in a religion in a reclamation plan. 	osequent reports shall be f new interval, a Form 3160	iled within 30 days 4 shall be filed once and the operator has	
14. I hereby certify that the foregoing is	Electronic Submission #30761 veri For DOMINION EXPL. & F	PROD., INC., sent to	the Vernal	System PRESENTATIVE		
Name (Printed/Typed) CARLA C	HRISTIAN	Title AUTHO	KIZED KEF	RESENTATIVE		
Signature (Electronic S	Muslam Submission)	Date 05/14/2	004		<u></u>	
	THIS SPACE FOR FEDE	RAL OR STATE	OFFICE U	SE		
Approved By		Title			Date	
Conditions of approval, if any, are attache	d. Approval of this notice does not warrant uitable title to those rights in the subject leas act operations thereon.	or				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a crime for an statements or representations as to any matter	y person knowingly and er within its jurisdiction.	willfully to ma	ske to any department or a	gency of the United	

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **





Azimuths to Grid North True North: -1.11° Magnetic North: 11.25°

Magnetic Field Strength: 53141nT Dip Angle: 66.01° Date: 5/12/2004 Model: igrf2000





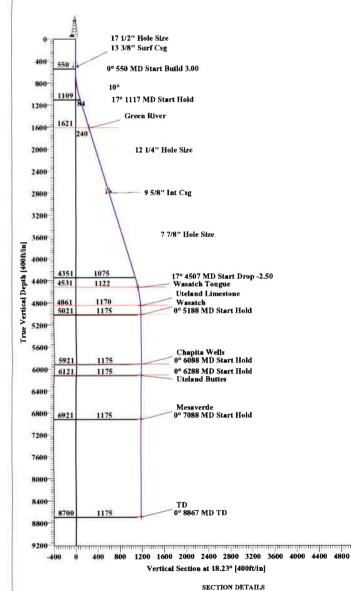
Exploration & Production

Field: Uintah County, Utah Site: RBU #14-10E Well: RBU #14-10E

Wellpath: OH Plan: Plan #1

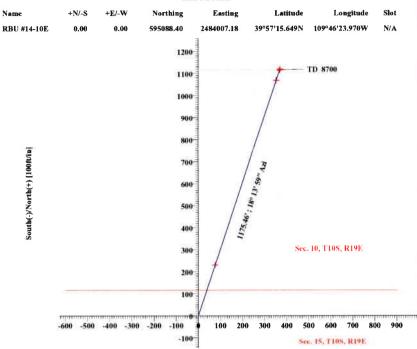
CASING DETAILS

No.	TVD	MD	Name	Size
1	520.00	520.00	13 3/8" Surf Csg	13.37
2	2800.00	2885.65	9 5/8" Int Csg	9.625



MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0,00	0.00	18.23	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	18.23	550.00	0.00	0.00	0.00	18.23	0.00	
1116.95	17.01	18.23	1108.66	79.34	26.14	3.00	18.23	83.53	
4507.18	17.01	18.23	4350.61	1021.23	336.42	0.00	0.00	1075.22	
5187.52	0.00	18.23	5021.00	1116.44	367.78	2.50	180.00	1175,46	Wasatch
6087.52	0.00	18.23	5921.00	1116.44	367.78	0.00	18.23	1175.46	Chapita Wells
6287.52	0.00	18.23	6121.00	1116.44	367.78	0.00	18.23	1175.46	Uteland Buttes
7087.52	0.00	18.23	6921.00	1116.44	367.78	0.00	18.23	1175.46	Mesaverde
8866.52	0.00	18.23	8700.00	1116.44	367.78	0.00	18.23	1175.46	TD
	0.00 550.00 1116.95 4507.18 5187.52 6087,52 6287.52 7087.52	0.00 0.00 550.00 0.00 1116.95 17.01 4507.18 17.01 5187.52 0.00 6087.52 0.00 6287.52 0.00 7087.52 0.00	0.00 0.00 18.23 550.00 0.00 18.23 1116.95 17.01 18.23 4507.18 17.01 18.23 5187.52 0.00 18.23 6087.52 0.00 18.23 6287.52 0.00 18.23 7087.52 0.00 18.23	0.00 0.00 18.23 0.00 550.00 0.00 18.23 550.00 1116.95 17.01 18.23 1108.66 4507.18 17.01 18.23 4350.61 5187.52 0.00 18.23 5021.00 6087.52 0.00 18.23 5021.00 6287.52 0.00 18.23 5021.00 7087.52 0.00 18.23 6021.00	0.00 0.00 18.23 0.00 0.00 550.00 0.00 18.23 550.00 0.00 1116.95 17.01 18.23 1108.66 79.34 4507.18 17.01 18.23 4350.61 1021.23 5187.52 0.00 18.23 5021.00 1116.44 6087.52 0.00 18.23 5921.00 1116.44 6287.52 0.00 18.23 6921.00 1116.44 7087.52 0.00 18.23 6921.00 1116.44	0.00 0.00 18.23 0.00 0.00 0.00 550.00 0.00 18.23 550.00 0.00 0.00 1116.95 17.01 18.23 1108.66 79.34 26.14 4597.18 17.01 18.23 4350.61 1021.23 336.42 5187.52 0.00 18.23 5021.00 1116.44 367.78 6087.52 0.00 18.23 5921.00 1116.44 367.78 7087.52 0.00 18.23 6921.00 1116.44 367.78 7087.52 0.00 18.23 6921.00 1116.44 367.78	0.00 0.00 18.23 0.00 0.00 0.00 0.00 550.00 0.00 18.23 550.00 0.00 0.00 0.00 1116.95 17.01 18.23 1108.66 79.34 26.14 3.00 4507.18 17.01 18.23 4350.61 1021.23 336.42 0.00 5187.52 0.00 18.23 5021.00 1116.44 367.78 2.59 6087.52 0.00 18.23 5921.00 1116.44 367.78 0.00 6287.52 0.00 18.23 5121.00 1116.44 367.78 0.00 7087.52 0.00 18.23 6921.00 1116.44 367.78 0.00	0.00 0.00 18.23 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 18.23 550.00 0.00 0.00 0.00 0.00 18.23 18.23 18.23 4350.61 1021.23 336.42 0.00 0.00 18.23 4350.61 1021.23 336.42 0.00 0.00 0.00 5187.52 0.00 18.23 3921.00 1116.44 367.78 0.00 18.23 221.00 1116.44 367.78 0.00 18.23 6287.52 0.00 18.23 6921.00 1116.44 367.78 0.00 18.23 7087.52 0.00 18.23 6921.00 1116.44 367.78 0.00 18.23	0.00 0.00 18.23 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 18.23 0.00 1116.95 17.01 18.23 108.66 79.34 26.14 3.00 18.23 83.53 4550.18 18.23 83.50 18.23 83.51 18.23 83.50 18.23 83.51 18.23 83.51 18.23 83.51 18.23 83.71 18.23 83.71 18.23 83.71 18.23 83.71 18.23 83.71 18.23 83.71 18.23 83.71 18.23 18.23 83.71 18.23 <

WELL DETAILS



West(-)/East(+) [100ft/in]

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Green River	1621.00	228.19	75.17	595316.59	2484082.35	39°57'17.890N	109°46'22,948W
Wasatch Tongue	4531.00	1066.11	351.20	596154.51	2484358.38	39°57'26-117N	109°46'19,196W
Uteland Limestone	4861.00	1111.13	366.03	596199.53	2484373.21	39°57'26,559N	109°46'18,995W
Wasatch	5021.00	1116.44	367.78	596204.84	2484374.96	39°57'26.611N	109°46'18,971W
Chapita Wells	5921.00	1116.46	367.72	596204.86	2484374.90	39°57'26,611N	109°46'18.972W
Uteland Buttes	6121.00	1116.46	367.72	596204.86	2484374.90	39°57'26.611N	109°46'18.972W
Mesaverde	6921.00	1116.46	367.72	596204.86	2484374.90	39°57'26.611N	109°46'18.972W
TD	8700.00	1116,46	367.72	596204.86	2484374.90	39°57'26,611N	109°46'18,972W

FIELD DETAILS

Uintah County, Utah Natural Buttes Field USA

Geodetic System: US State Plane Coordinate System 1927 Ellipsoid: NAD27 (Clarke 1866) Zone: Utah, Central Zone Magnetic Model: igr72000

System Datum: Mean Sea Level Local North: Grid North

SITE DETAILS

RBU #14-10E River Bend Unit Sec. 15, T10S, R19E

Site Centre Latitude: 39°57'15.649N Longitude: 109°46'23.970W

Ground Level: 5114.00
Positional Uncertainty: 0.00
Convergence: 1.11

WELLPATH DETAILS

ОН

Rig: Ref. Datum:	est	. RKB	5130.00ft		
V.Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD		
18.23°	0.00	0.00	0.00		

Plan: Plan #1 (RRU #14-10E/OH)

Created By: Robbie Melancon Date: 5/12/2004



Company: Dominion Exploration & Product

Uintah County, Utah Field:

Site: RBU #14-10E RBU #14-10E Well:

5/12/2004 Date:

Time: 17:09:18 Co-ordinate(NE) Reference:

Vertical (TVD) Reference: Section (VS) Reference:

est. RKB 5130.0

Minimum Curvature

Page: Site: RBU #14-10E, Grid North

Well (0.00N,0.00E,18.23Azi)

Db: Sybase

Wellpath:

Principal:

Plan #1

OH

Survey Calculation Method: Date Composed:

Version:

Tied-to:

4/13/2004

From Surface

Field:

Plan:

Uintah County, Utah

Natural Buttes Field

USA

Yes

Map System: US State Plane Coordinate System 1927

Geo Datum: NAD27 (Clarke 1866)

Svs Datum: Mean Sea Level

Map Zone:

Utah, Central Zone

Coordinate System: Geomagnetic Model: Site Centre igrf2000

Site:

Well:

RBU #14-10E

RBU #14-10E

+N/-S

est. RKB

River Bend Unit Sec. 15, T10S, R19E

Site Position: From:

Geographic Position Uncertainty:

Northing: Easting:

595088.40 ft 2484007.18 ft Latitude: Longitude:

39 57 15.649 N 109 46 23.970 W

North Reference: **Grid Convergence:**

Grid 1.11 deg

Ground Level:

Well Position:

0.00 ft 5114.00 ft

Slot Name:

39 57 15.649 N

+E/-W Position Uncertainty:

0.00 ft 0.00 ft

5/12/2004

Depth From (TVD)

ft

0.00

Northing: 595088.40 ft 2484007.18 ft Easting:

Latitude: Longitude:

109 46 23.970 W

Surface

18.23

Wellpath: OH

Current Datum:

Magnetic Data:

Field Strength: Vertical Section: 0.00 ft

53141 nT

Height 5130.00 ft

+N/-S

ft

0.00

Drilled From: Tie-on Depth:

0.00 ft **Above System Datum:** Mean Sea Level

Declination: Mag Dip Angle:

0.00

12.36 deg 66.01 deg

+E/-W Direction ft deg

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100f	Turn deg/100ft	TFO deg	Target
0.00	0.00	18.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
550.00	0.00	18.23	550.00	0.00	0.00	0.00	0.00	0.00	18.23	
1116.95	17.01	18.23	1108.66	79.34	26.14	3.00	3.00	0.00	18.23	
4507.18	17.01	18.23	4350.61	1021.23	336.42	0.00	0.00	0.00	0.00	
5187.52	0.00	18.23	5021.00	1116.44	367.78	2.50	-2.50	0.00	180.00	Wasatch
6087.52	0.00	18.23	5921.00	1116.44	367.78	0.00	0.00	0.00	18.23	Chapita Wells
6287.52	0.00	18.23	6121.00	1116.44	367.78	0.00	0.00	0.00	18.23	Uteland Buttes
7087.52	0.00	18.23	6921.00	1116.44	367.78	0.00	0.00	0.00	18.23	Mesaverde
8866.52	0.00	18.23	8700.00	1116.44	367.78	0.00	0.00	0.00	18.23	TD

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name	
520.00	520.00	13.375	17.500	13 3/8" Surf Csg	
2885.65	2800.00	9.625	12.250	9 5/8" Int Csg	

Targets

	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft		Latitude> Min Sec	< Longitude> Deg Min Sec
Green River -Plan hit target		1	621.00	228.19	75.17	595316.592	484082.35	39	57 17.890 N	109 46 22.948 W
Wasatch Tongue -Plan hit target		4	531.00	1066.11	351.20	596154.512	484358.38	39	57 26.117 N	109 46 19.196 W
Uteland Limestone -Plan hit target	•	4	861.00	1111.13	366.03	596199.532	2484373.21	39	57 26.559 N	109 46 18.995 W
Wasatch		5	021.00	1116.44	367.78	596204.842	484374.96	39	57 26.611 N	109 46 18.971 W



Company: Dominion Exploration & Product

Uintah County, Utah RBU #14-10E Field:

Site: Well: **RBU #14-10E**

Wellpath: OH

Date: 5/12/2004 To-ordinate(NE) Reference:

Vertical (TVD) Reference:

Section (VS) Reference: Survey Calculation Method:

Time: 17:09:18 Pag : Site: RBU #14-10E, Grid North Page:

est. RKB 5130.0

Minimum Curvature

Well (0.00N,0.00E,18.23Azi)

Db: Sybase

Т	4.
ı ar	

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft		Latitude> Min Sec	< Longitude> Deg Min Sec
-Plan hit target										
Chapita Wells -Plan hit target			5921.00	1116.46	367.72	596204.862	2484374.90	39	57 26.611 N	109 46 18.972 W
Uteland Buttes -Plan hit target			6121.00	1116.46	367.72	596204.862	2484374.90	39	57 26.611 N	109 46 18.972 W
Mesaverde -Plan hit target			6921.00	1116.46	367.72	596204.862	2484374.90	39	57 26.611 N	109 46 18.972 W
TD -Plan hit target			8700.00	1116.46	367.72	596204.862	484374.90	39	57 26.611 N	109 46 18.972 W

Survey

Сот	.S 100ft	D	ClsA deg	ClsD ft	E/W ft	N/S ft	VS ft	Sys TVD ft	TVD ft	Azim deg	Incl deg	MD ft
	0.00	,	0.00	0.00	0.00	0.00	0.00	-5130.00	0.00	18.23	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00		100.00			400.00
	0.00		0.00	0.00	0.00			-5030.00		18.23	0.00	100.00
						0.00	0.00	-4930.00	200.00	18.23	0.00	200.00
	0.00		0.00	0.00	0.00	0.00	0.00	-4830.00	300.00	18.23	0.00	300.00
	0.00		0.00	0.00	0.00	0.00	0.00	-4730.00	400.00	18.23	0.00	400.00
	0.00		0.00	0.00	0.00	0.00	0.00	-4630.00	500.00	18.23	0.00	500.00
3/8" Surf	0.00		0.00	0.00	0.00	0.00	0.00	-4610.00	520.00	18.23	0.00	520.00
	0.00		0.00	0.00	0.00	0.00	0.00	-4580.00	550.00	18.23	0.00	550.00
	3.00		18.23	0.65	0.20	0.62	0.65	-4530.01	599.99	18.23	1.50	600.00
	3.00		18.23	5.89	1.84	5.59	5.89	-4430.15	699.85	18.23	4.50	700.00
	3.00		18.23	16.34	5.11	15.52	16.34	-4330.71	799.29	18.23	7.50	800.00
	3.00		18.23	31.98	10.01	30.38	31.98	-4231.96	898.04	18.23	10.50	900.00
	3.00		18.23	52.77	16.51	50.12	52.77	-4134.15	995.85	18.23	13.50	1000.00
	3.00		18.23	78.65	24.61	74.70	78.65	-4037.57	1092.43	18.23	16.50	1100.00
	3.00		18.23	83.53	26.14	79.34	83.53	-4021.34	1108.66	18.23	17.01	1116.95
]	0.00		18.23	107.83	33.74	102.41	107.83	-3941.92	1188.08	18.23	17.01	1200.00
	0.00		18.23	137.08	42.89	130.20	137.08	-3846.30	1283.70	18.23	17.01	1300.00
	0.00		18.23	166.33	52.04	157.98	166.33	-3750.67	1379.33	18.23	17.01	1400.00
	0.00		18.23	195.58	61.19	185.76	195.58	-3655.04	1474.96	18.23	17.01	1500.00
	0.00		18.23	224.83	70.35	213.54	224.83	-3559.42	1570.58	18.23	17.01	1600.00
en River	0.00		18.23	240.26	75.17	228.19	240.26	-3509.00	1621.00	18.23	17.01	1652.72
	0.00		18.23	254.08	79.50	241.33	254.08	-3463.79	1666.21	18.23	17.01	1700.00
11	0.00		18.23	283.34	88.65	269.11	283.34	-3368.17	1761.83	18.23	17.01	1800.00
	0.00		18.23	312.59	97.80	296.89	312.59	-3272.54	1857.46	18.23	17.01	1900.00
	0.00		18.23	341.84	106.96	324.67	341.84	-3176.91	1953.09	18.23	17.01	2000.00
[]	0.00		18.23	371.09	116.11	352.46	371.09	-3081.29	2048.71	18.23	17.01	2100.00
	0.00		18.23	400.34	125.26	380.24	400.34	-2985.66	2144.34	18.23	17.01	2200.00
	0.00		18.23	429.59	134.41	408.02	429.59	-2890.03	2239.97	18.23	17.01	2300.00
	0.00		18.23	429.3 9 458.84	143.56	435.80	429.59 458.84	-2090.03 -2794.41	2335.59	18.23	17.01	2400.00
	0.00		18.23	488.09	152.72	463.59	436.64 488.09	-2698.78	2431.22	18.23	17.01	2500.00
	0.00		18.23	517.34	161.87	491.37	517.34	-2603.16	2526.84	18.23	47.04	2600.00
	0.00		18.23	517.34 546.60	171.02	519.15	517.34 546.60	-2603.16 -2507.53			17.01	
								-2507.53	2622.47	18.23	17.01	2700.00
ا مدا ال	0.00		18.23	575.85	180.17	546.93	575.85	-2411.90	2718.10	18.23	17.01	2800.00
8" Int Cs	0.00		18.23	600.90	188.01	570.73	600.90	-2330.00	2800.00	18.23	17.01	2885.65
	0.00		18.23	605.10	189.32	574.72	605.10	-2316.28	2813.72	18.23	17.01	2900.00
	0.00		18.23	634.35	198.48	602.50	634.35	-2220.65	2909.35	18.23	17.01	3000.00
]	0.00		18.23	663.60	207.63	630.28	663.60	-2125.03	3004.97	18.23	17.01	3100.00
	0.00		18.23	692.85	216.78	658.07	692.85	-2029.40	3100.60	18.23	17.01	3200.00
	0.00		18.23	722.10	225.93	685.85	722.10	-1933.77	3196.23	18.23	17.01	3300.00
	0.00		18.23	751.35	235.09	713.63	751.35	-1838.15	3291.85	18.23	17.01	3400.00

Company: Dominion Exploration & Product

Date: 5/12/2004

Time: 17:09:18

Page:

Field: Site: Uintah County, Utah RBU #14-10E Co-ordinate(NE) Reference:

Site: RBU #14-10E, Grid North est. RKB 5130.0

Well: RBU #14-10E

Vertical (TVD) Reference: Section (VS) Reference:

Well (0.00N,0.00E,18.23Azi)

Wellpath: OH

Survey Calculation Method:

Minimum Curvature **Db:** Sybase

3500.00 3600.00 3700.00 3800.00 3900.00 4000.00 4100.00 4200.00 4300.00 4400.00 4507.18 4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00	17.01 17.01 17.01 17.01 17.01 17.01 17.01 17.01 17.01 17.01 17.01 17.01 14.69 12.35 12.19 9.69 7.19 4.69 4.00 2.19	18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23	ft 3387.48 3483.11 3578.73 3674.36 3769.98 3865.61 3961.24 4056.86 4152.49 4248.12 4343.74 4350.61 4439.89 4531.00 4537.15	ft -1742.52 -1646.89 -1551.27 -1455.64 -1360.02 -1264.39 -1168.76 -1073.14 -977.51 -881.88 -786.26 -779.39 -690.11 -599.00	780.61 809.86 839.11 868.36 897.61 926.86 956.11 985.36 1014.62 1043.87	ft 741.41 769.20 796.98 824.76 852.54 880.33 908.11 935.89 963.67 991.46	ft 244.24 253.39 262.54 271.69 280.85 290.00 299.15 308.30 317.46 326.61	780.61 809.86 839.11 868.36 897.61 926.86 956.11 985.36 1014.62 1043.87	deg 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
3600.00 3700.00 3800.00 3900.00 4000.00 4100.00 4200.00 4300.00 4500.00 4507.18 4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00	17.01 17.01 17.01 17.01 17.01 17.01 17.01 17.01 17.01 17.01 14.69 12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23	3483.11 3578.73 3674.36 3769.98 3865.61 3961.24 4056.86 4152.49 4248.12 4343.74 4350.61 4439.89 4531.00 4537.15	-1646.89 -1551.27 -1455.64 -1360.02 -1264.39 -1168.76 -1073.14 -977.51 -881.88 -786.26 -779.39 -690.11 -599.00	809.86 839.11 868.36 897.61 926.86 956.11 985.36 1014.62 1043.87	769.20 796.98 824.76 852.54 880.33 908.11 935.89 963.67 991.46	253.39 262.54 271.69 280.85 290.00 299.15 308.30 317.46 326.61	809.86 839.11 868.36 897.61 926.86 956.11 985.36 1014.62	18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
3700.00 3800.00 3900.00 4000.00 4100.00 4200.00 4300.00 4500.00 4507.18 4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00 5187.52	17.01 17.01 17.01 17.01 17.01 17.01 17.01 17.01 17.01 14.69 12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23	3578.73 3674.36 3769.98 3865.61 3961.24 4056.86 4152.49 4248.12 4343.74 4350.61 4439.89 4531.00 4537.15	-1551.27 -1455.64 -1360.02 -1264.39 -1168.76 -1073.14 -977.51 -881.88 -786.26 -779.39 -690.11 -599.00	839.11 868.36 897.61 926.86 956.11 985.36 1014.62 1043.87	796.98 824.76 852.54 880.33 908.11 935.89 963.67 991.46	262.54 271.69 280.85 290.00 299.15 308.30 317.46 326.61	839.11 868.36 897.61 926.86 956.11 985.36 1014.62	18.23 18.23 18.23 18.23 18.23 18.23 18.23	0.00 0.00 0.00 0.00 0.00 0.00 0.00	
3800.00 3900.00 4000.00 4100.00 4200.00 4300.00 4500.00 4507.18 4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00	17.01 17.01 17.01 17.01 17.01 17.01 17.01 17.01 14.69 12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23	3674.36 3769.98 3865.61 3961.24 4056.86 4152.49 4248.12 4343.74 4350.61 4439.89 4531.00 4537.15	-1455.64 -1360.02 -1264.39 -1168.76 -1073.14 -977.51 -881.88 -786.26 -779.39 -690.11 -599.00	868.36 897.61 926.86 956.11 985.36 1014.62 1043.87 1073.12 1075.22	824.76 852.54 880.33 908.11 935.89 963.67 991.46	271.69 280.85 290.00 299.15 308.30 317.46 326.61	868.36 897.61 926.86 956.11 985.36 1014.62	18.23 18.23 18.23 18.23 18.23 18.23	0.00 0.00 0.00 0.00 0.00 0.00	
3900.00 4000.00 4100.00 4200.00 4300.00 4400.00 4507.18 4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00 5187.52	17.01 17.01 17.01 17.01 17.01 17.01 17.01 14.69 12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23	3769.98 3865.61 3961.24 4056.86 4152.49 4248.12 4343.74 4350.61 4439.89 4531.00 4537.15	-1360.02 -1264.39 -1168.76 -1073.14 -977.51 -881.88 -786.26 -779.39 -690.11 -599.00	897.61 926.86 956.11 985.36 1014.62 1043.87 1073.12 1075.22	852.54 880.33 908.11 935.89 963.67 991.46 1019.24	280.85 290.00 299.15 308.30 317.46 326.61	926.86 956.11 985.36 1014.62	18.23 18.23 18.23 18.23 18.23	0.00 0.00 0.00 0.00 0.00	
4100.00 4200.00 4300.00 4400.00 4500.00 4507.18 4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00 5187.52	17.01 17.01 17.01 17.01 17.01 17.01 14.69 12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23	3961.24 4056.86 4152.49 4248.12 4343.74 4350.61 4439.89 4531.00 4537.15	-1168.76 -1073.14 -977.51 -881.88 -786.26 -779.39 -690.11 -599.00	956.11 985.36 1014.62 1043.87 1073.12 1075.22	908.11 935.89 963.67 991.46	290.00 299.15 308.30 317.46 326.61	956.11 985.36 1014.62	18.23 18.23 18.23	0.00 0.00 0.00	
4100.00 4200.00 4300.00 4400.00 4500.00 4507.18 4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00 5187.52	17.01 17.01 17.01 17.01 17.01 17.01 14.69 12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23	3961.24 4056.86 4152.49 4248.12 4343.74 4350.61 4439.89 4531.00 4537.15	-1168.76 -1073.14 -977.51 -881.88 -786.26 -779.39 -690.11 -599.00	956.11 985.36 1014.62 1043.87 1073.12 1075.22	908.11 935.89 963.67 991.46	299.15 308.30 317.46 326.61	956.11 985.36 1014.62	18.23 18.23 18.23	0.00 0.00 0.00	
4200.00 4300.00 4400.00 4500.00 4507.18 4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00	17.01 17.01 17.01 17.01 17.01 14.69 12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23	4056.86 4152.49 4248.12 4343.74 4350.61 4439.89 4531.00 4537.15	-1073.14 -977.51 -881.88 -786.26 -779.39 -690.11 -599.00	985.36 1014.62 1043.87 1073.12 1075.22	935.89 963.67 991.46 1019.24	308.30 317.46 326.61	985.36 1014.62	18.23 18.23	0.00 0.00	
4300.00 4400.00 4500.00 4507.18 4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00 5187.52	17.01 17.01 17.01 17.01 14.69 12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23 18.23 18.23 18.23 18.23	4152.49 4248.12 4343.74 4350.61 4439.89 4531.00 4537.15	-977.51 -881.88 -786.26 -779.39 -690.11 -599.00	1014.62 1043.87 1073.12 1075.22	963.67 991.46 1019.24	317.46 326.61	1014.62	18.23	0.00	ļ
4400.00 4500.00 4507.18 4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00 5187.52	17.01 17.01 17.01 14.69 12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23 18.23 18.23 18.23	4248.12 4343.74 4350.61 4439.89 4531.00 4537.15	-881.88 -786.26 -779.39 -690.11 -599.00	1043.87 1073.12 1075.22	991.46 1019.24	326.61			0.00	
4507.18 4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00 5187.52	17.01 17.01 14.69 12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23 18.23 18.23	4350.61 4439.89 4531.00 4537.15	-779.39 -690.11 -599.00	1073.12 1075.22	1019.24					
4507.18 4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00 5187.52	17.01 14.69 12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23 18.23	4350.61 4439.89 4531.00 4537.15	-779.39 -690.11 -599.00	1075.22		205.70	4070.40	40.00	0.00	
4600.00 4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00 5187.52	14.69 12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23 18.23	4439.89 4531.00 4537.15	-690.11 -599.00		4004 00	335.76	1073.12	18.23	0.00	
4693.71 4700.00 4800.00 4900.00 5000.00 5027.39 5100.00 5187.52	12.35 12.19 9.69 7.19 4.69 4.00	18.23 18.23 18.23 18.23	4531.00 4537.15	-599.00	1100 56	1021.23	336.42	1075.22	18.23	0.00	
4700.00 4800.00 4900.00 5000.00 5027.39 5100.00 5187.52	9.69 7.19 4.69 4.00	18.23 18.23 18.23	4537.15			1045.31	344.35	1100.56	18.23	2.50	
4800.00 4900.00 5000.00 5027.39 5100.00 5187.52	9.69 7.19 4.69 4.00	18.23 18.23		C 0 0 0 C	1122.47	1066.11	351.20	1122.47	18.23	2.50	Wasatch Toh
4900.00 5000.00 5027.39 5100.00 5187.52	7.19 4.69 4.00	18.23		-592.85	1123.80	1067.38	351.62	1123.80	18.23	2.50	
5000.00 5027.39 5100.00 5187.52	4.69 4.00		4635.32	-494.68	1142.78	1085.40	357.55	1142.78	18.23	2.50	
5027.39 5100.00 5187.52	4.69 4.00		4734.23	-395.77	1157.45	1099.33	362.15	1157.45	18.23	2.50	
5100.00 5187.52		18.23	4833.69	-296.31	1167.79	1109.16	365.38	1167.79	18.23	2.50	
5187.52	2.19	18.23	4861.00	-269.00	1169.87	1111.13	366.03	1169.87	18.23	2.50	Uteland Lime
		18.23	4933.50	-196.50	1173.79	1114.86	367.26	1173.79	18.23	2.50	
	0.00	18.23	5021.00	-109.00	1175.46	1116.44	367.78	1175.46	18.23	2.50	Wasatch
5200.00	0.00	18.23	5033.48	-96.52	1175.46	1116.44	367.78	1175.46	18.23	0.00	VVasatori
5300.00	0.00	18.23	5133.48	3.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
5400.00	0.00	18.23	5233.48	103.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
5500.00	0.00	18.23	5333.48	203.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
3300.00	0.00	10.23	3333.40	203.40	1173.40	1110.44	301.10	1175.40	10.23	0.00	
5600.00	0.00	18.23	5433.48	303.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
5700.00	0.00	18.23	5533.48	403.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
5800.00	0.00	18.23	5633.48	503.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
5900.00	0.00	18.23	5733.48	603.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
6000.00	0.00	18.23	5833.48	703.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
6087.52	0.00	18.23	5921.00	791.00	1175.46	1116.44	367.78	1175.46	18.23	0.00	Chapita Wels
6100.00	0.00	18.23	5933.48	803.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
6200.00	0.00	18.23	6033.48	903.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
6287.52	0.00	18.23	6121.00	991.00	1175.46	1116.44	367.78	1175.46	18.23	0.00	Uteland Butte
6300.00	0.00	18.23	6133.48	1003.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	Otolaria Batt
6400.00	0.00	18.23	6233.48	1103.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
6500.00	0.00	18.23	6333.48	1203.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
6600.00	0.00	18.23	6433.48	1303.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
6700.00	0.00	18.23	6533.48	1403.48	1175.46	1116.44					
6800.00		18.23					367.78	1175.46	18.23	0.00	
0000.00	0.00	10.23	6633.48	1503.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
6900.00	0.00	18.23	6733.48	1603.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	[
7000.00	0.00	18.23	6833.48	1703.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
7087.52	0.00	18.23	6921.00	1791.00	1175.46	1116.44	367.78	1175.46	18.23	0.00	Mesaverde
7100.00	0.00	18.23	6933.48	1803.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
7200.00	0.00	18.23	7033.48	1903.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
7300.00	0.00	18.23	7133.48	2003.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
7400.00	0.00	18.23	7233.48	2103.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
7500.00	0.00	18.23	7333.48	2203.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
7600.00	0.00	18.23	7433.48	2303.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
7700.00	0.00	18.23	7533.48	2403.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
7800.00	0.00	18.23	7633.48	2503.48	1175.46	1116.44	267 70			0.00	
7900.00	0.00	18.23	7733.48	2603.48	1175.46	1116.44	367.78 367.78	1175.46 1175.46	18.23 18.23	0.00	
8000.00	0.00	18.23	7833.48	2703.48	1175.46	1116.44	367.78 367.78	1175.46	18.23	0.00 0.00	



Company: Dominion Exploration & Product Field: Uintah County, Utah Site: RBU #14-10E

Well: RBU #14-10E

Wellpath: OH

Date: 5/12/2004 T Co-ordinate(NE) Reference:

Vertical (TVD) Reference:

est. RKB 5130.0
Well (0.00N,0.00E,18.23Azi)
Well (0.00N,0.00E,18.23Azi) Section (VS) Reference: Survey Calculation Method:

Survey

MD ft	Incl deg	Azim deg	TVD ft	Sys TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg	DLS deg/100ft	Cor
8100.00	0.00	18.23	7933.48	2803.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
8200.00	0.00	18.23	8033.48	2903.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	İ
8300.00	0.00	18.23	8133.48	3003.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
8400.00	0.00	18.23	8233.48	3103.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
8500.00	0.00	18.23	8333.48	3203.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
8600.00	0.00	18.23	8433.48	3303.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	į
8700.00	0.00	18.23	8533.48	3403.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	
8800.00	0.00	18.23	8633.48	3503.48	1175.46	1116.44	367.78	1175.46	18.23	0.00	İ
8866.52	0.00	18.23	8700.00	3570.00	1175.46	1116.44	367.78	1175.46	18.23	0.00	TD

(August, 1999)	DEPART	UNITI STATES MENT OF THE INTE J OF LAND MANAGEM			ngger 17	FORM APPRO OMB No. 1004 Expires: Novembe	1-0135
008	Do not use this form	CES AND REPORTS 1 for proposals to drill o 2 Form 3160-3 (APD) for	r to re-enter an		5. Lease Seria U-01 6. If Indian, A		
1. Type of Well	SUESTICATION OF			13.7%		CA/Agreement, Name	and/or No.
Dil V		-	ONFIDENT	Control of the Contro	8. Well Name	and No.	
2. Name of Ope Dominion E	rator xploration & Production	on, Inc.			9. API Well N		
3a. Address	Suite 6		3b. Phone No. (include	area code)	43-0	47-34975	
14000 Quai	l Springs Parkway, Ol		(405) 749-526	3	10. Field and	Pool, or Exploratory	Area
4. Location of V	/ell (Footage, Sec., T., R., M.,	or Survey Description)			Natu	ral Buttes	
					11. County or	Parish, State	
114' FNL &	1471' FWL, Sec. 15-1	10S-19E			· ·	ah, UT	
12. C	HECK APPROPRIATE	BOX(ES) TO INDICATE				HER DATA	
TYPE (OF SUBMISSION		TYPE C	OF ACTION	1		
_	osequent Report	Acidize Altering Casing Casing Repair Change Plans	Deepen Fracture Treat New Construction Plug and Abandon	Production Reclamatio Recomplete Temporarily	•	Water Shut-Off Well Integrity Other	
Fin	al Abandonment Notice	Convert to Injection	Plug Back	Water Disp	osal		
If the pro Attach t following testing I determin	posal is to deepen directionally he Bond under which the work of completion of the involved op has been completed. Final Aled that the site is ready for final APD for this well expire	ation (clearly state all pertinent de yor recomplete horizontally, give will be performed or provide the erations. If the operation results bandonment Notices shall be filed inspection.) es May 28, 2004. Domi Approved by Utah Division Oil, Gas and Notate:	e subsurface locations are Bond No. on file with Bi in a multiple completion only after all requirement in ion is hereby received.	nd measured a _M/BIA. Rec or recompletio nts, including r	ind true vertical di juired subsequen n in a new interv eclamation, have one year ex	lepths of all pertinent of treports shall be filed al, a Form 3160-4 sleebeen completed and	markers and zones. within 30 days hall be filed once the operator has
14. I hereby cert	tify that the foregoing is true a	nd correct	16				
,	rla Christian	_		Title	Regula	tory Specialist	
Signature	Carla CI	rustian		Date	00/0 //=	004	
100	A The state of the		RADIORSEAUS		F D216 at receive	1	
Approved by		······		Title			Date
certify that the which would en	e applicant holds legal or entitle the applicant to condu		n the subject lease	Office			
Title 18 U.S.C United States	Section 1001 and Title 43 any false, fictitious or fraud	U.S.C. Section 1212, makes ulent statements or represent	it a crime for any pers ations as to any matte	on knowingly er within its ju	y and willfully to urisdiction.	make to any depar	tment or agency of the

RECEIVED

JUN - / 2004

Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

	43-047-34975		
Well Name: Location:	RBU 14-10E Section 15-10S-19F	, 114' FNL & 1471' FWL	
		Dominion Exploration & Pro	oduction. Inc.
	Permit Issued:		,
		legal rights to drill on th	
		information as submitted	
approved appl	ication to drill, re	mains valid and does no	ot require revision.
Following is a	checklist of some	e items related to the ap	plication, which should be
verified.			
16 la anta d'am m		he evenerahin ahangad	if an han the ourface
•	rivate land, has t en updated? Yes	the ownership changed,	ii so, nas the sunace
agreement bet	sii upualeu : Tes		
Have any wells	s been drilled in t	the vicinity of the propos	ed well which would affect
the spacing or	siting requireme	nts for this location? Yes	s□ No 🗹
Llas there has	n any unit ar athe	or agroomants put in pla	so that sould affect the
		er agreements put in pla proposed well? Yes⊟ No	
permitting or o	peration or this p	noposca weii: Tesii Ne	
Have there be	en any changes	to the access route inclu	ıding ownership, or right-
of-way, which	could affect the p	proposed location? Yes[⊒ No 🗹
Has the approx	vod source of ws	ater for drilling changed?	Ves - No -
nas tile appio	ved source or wa	ater for drilling changed:	163011012
Have there be	en any physical o	changes to the surface le	ocation or access route
which will requ	iire a change in p	olans from what was disc	cussed at the onsite
evaluation? Ye	es□No⊠		
la bandina atill	in place which (novers this proposed we	
_	-	covers this proposed we	III: 162 FINOL
$\bigcap_{i} I_i$	Mustia		<
Lula	Musha		6/4/2004
Signature			Date
Title: Regulator	ry Specialist		
Regulator	. J Specialist		
Representing:	Dominion Explora	tion & Production, Inc.	

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

00

LAPITOS.	TTOTCHIDCE	30, 2000
Lease Serial No		
U-013766		

Do not use the	NOTICES AND REPOR is form for proposals to d II. Use form 3160-3 (APD)	Irill or to re-e	nter an		U-013766 6. If Indian, Allottee of	r Tribe Name
SUBMIT IN TRI	PLICATE - Other instructi	ions on reve	rse side.		7. If Unit or CA/Agree	ment, Name and/or No.
1. Type of Well					8. Well Name and No.	
☐ Oil Well 🔀 Gas Well 🔲 Oth					RBU 14-10E	
Name of Operator DOMINION EXPL. & PROD.,		ARLA CHRIS -Mail: Carla_M	TIAN _Christian@don	n.com	9. API Well No. 43-047-34975	
3a. Address 14000 QUAIL SPRINGS PAR OKLAHOMA CITY, OK 73134	KWAY, SUITE 600	3b. Phone No. (Ph: 405.749. Fx: 405.749.6)	10. Field and Pool, or NATURAL BUT	
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)				11. County or Parish, a	and State
Sec 15 T10S R19E NENW 11	4FNL 1471FWL				UINTAH COUN	ry, ut
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE N	NATURE OF	NOTICE, RI	EPORT, OR OTHER	R DATA
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION		
C Notice of Intent	☐ Acidize	☐ Deepe	n	☐ Product	ion (Start/Resume)	■ Water Shut-Off
☐ Notice of Intent	☐ Alter Casing	☐ Fractu	re Treat	☐ Reclam	ation	□ Well Integrity
Subsequent Report ■	☐ Casing Repair	☐ New (Construction	□ Recomp	olete	Other
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug a	nd Abandon	☐ Tempor	arily Abandon	Drilling Operations
	☐ Convert to Injection	☐ Plug I	Back	☐ Water I	Disposal	
testing has been completed. Final Al determined that the site is ready for f Spud well 6/6/04. 6/6/04 ran w/460 sks Prem, 15.6 ppg, 1.	inal inspection.) 12 jts. 13 3/8", 48#, H-40 S 18 cuft/sk. Bumped plug, fi	T&C 8rd csg. oats held, 20	set @ 516.5' bbls cmt. back	Cemented to surface.		ind the operator has
	Electronic Submission #3 For DOMINION I	EXPL. & PROD)., INC., sent to	the Vernal		
Name (Printed/Typed) CARLA C	HRISTIAN		Title AUTHO	ORIZED REF	PRESENTATIVE	
Signature OUGElectronic	Submission)	1	Date 06/08/2	2004		
	THIS SPACE FOR	R FEDERAL	OR STATE	OFFICE U	SE	
Approved By			Title			Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equiphich would entitle the applicant to conduct the conductive transfer or the conductive transf	uitable title to those rights in the s	ot warrant or subject lease	Office			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a cr	rime for any pers	on knowingly and	d willfully to ma	ake to any department	ECEIVED

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

010

ENTITY ACTION FORM

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			()	

Dominion Exploration & Production, Inc.

Operator Account Number: N 1095

Address:

14000 Quail Springs Parkway, Suite 600

city Oklahoma City

zip 73134 state Ok

Phone Number: (405) 749-1300

Well 1

API Number	Well	Name.	QQ	Sec	Twp	Rng	County
43-047-34975	RBU 14-10E		NENW	15	108	19E	Uintah
Action Code	Current Entity Number	New Entity Number	S	pud Dat	le Mariana		tity Assignment Effective Date
А	99999	7050		6/6/2004	1	6	17/04

Comments:

muro

API Number	Well N	lame	QQ	Sec	Twp	Rng	County
Action Gode	Current Entity Number	New Entity Number	S	pud Da	te	En I	tity Assignment Effective Date
Comments:							

Well 3

Action Code	Current Entity	New Entity	Spud Date	Entity Assignr	nent
Action code	Number	Number		Effective Da	

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Carla Christian

Name (Please Print)

Signature

Title

Regulatory Specialist

(5/2000)



FAX COVER

CONFIDENTIAL

To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From: Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject : RBU 14-10E

T109 RIGE S-15

43-049-34925

Pages including cover page: 3

Date: 6/30/2004

Time: 1:55:46 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

WinFax PRO Cover Page

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JUN 3 0 2004

DIV. OF OIL. GAS & MINIMO





Page: 1

WELL NAME: RBU 14-10E

DISTRICT: ONSHORE WEST

FIELD: NATURAL BUTTES 630

Event No: 1

LOCATION: 114' FNL 1471' FWL SEC 15 T 10S R 19E

COUNTY & STATE: UINTAH

CONTRACTOR:

WI %: 100.00

AFE#: 0401736

API#: 43-047-34975

PLAN DEPTH: 8,867 FORMATION: WASATCH SPUD DATE:

DHC: \$558,000 **EVENT DC: \$716,829** CWC: \$521,000 **EVENT CC: \$0** AFE TOTAL: \$1,079,000 **EVENT TC: \$716.829**

WELL TOTL COST: \$719,937

REPORT DATE: 06/06/04

MD: 125

TVD: 125

DAYS: 1

MW:

VISC:

DAILY: DC:

CC:

TC:

CUM: DC:\$0

CC: \$0

TC: \$0

DAILY DETAILS: DRLG RAT AND MOUSE HOLE, SET CONDUCTOR AND DRILL 17 1/2 HOLE TO 125'

REPORT DATE: 06/07/04

MD: 517

TVD:517

DAYS: 2

MW:

VISC:

DAILY: DC: \$0

CC: \$0

TC:\$0

CUM: DC: \$45,980

CC: \$0

TC: \$45.980

DAILY DETAILS: DRLG F/ 125 TO 516.5' RUN 12 JTS OF 13 3/8 48# H-40 ST&C 8RD CSG TO 516.5' MIX AND PUMP 460SKS OF PREM CEMENT W/ 2% CALC CHLORIDE, 1/4#/SK FLOCELE, 15.6 PPG, 1.18 CUFT/SK, 5.2 GAL WATER/SK, BUMPED PLUG W/ 600PSI CHECKED FLOATS FLOAT HELD, GOT 20 BBLS CEMENT BACK TO SURFACE,

RELEASED BIG 4 CEMENTERS

REPORT DATE: 06/11/04

MD: 517

TVD:517

DAYS: 3

MW:

VISC:

DAILY: DC: \$19,345

CC: \$0

TC: \$19,345

CUM: DC: \$65,325

CC: \$0

TC: \$65,325

DAILY DETAILS: MIRU MIRU PU BHA #1 TIH TO CEMENT @ 472 DRLG CEMENT FLT AND SHOE TO 535

REPORT DATE: 06/12/04

MD: 1,690

TVD: 1,690

DAYS: 4

MW:

VISC:

DAILY: DC: \$19,345

CC: \$0

TC: \$19,345

CUM: DC: \$84,670

CC: \$0

TC: \$84,670

DAILY DETAILS: DIRECTIONAL DRLG F/535 TO 982 RIG SERVICE DIRECTIONAL DRLG F/ 982 TO 1357 DIRECTIONAL DRLG F/

1357 TO 1690

REPORT DATE: 06/13/04

MD: 2,865

TVD: 2,865

DAYS: 5

MW:8.6

DAILY: DC: \$99,295

CC: \$0

TC: \$99,295

CUM: DC: \$183,965

CC: \$0

VISC: 26 TC: \$183,965

DAILY DETAILS: DRLG F/ 1690 TO 2123 RIG SERVICE DRLG F/ 2123 TO 2550 REPAIR CLUTCH ON HYDROMATIC DRLG F/ 2250

TO 2865

REPORT DATE: 06/14/04

MD: 2,865

TVD: 2,865

DAYS: 6

MW:8.6

DAILY: DC: \$101,475

CC: \$0

TC:\$101,475

CUM: DC: \$285,440

CC: \$0

VISC: 26

TC: \$285,440

DAILY DETAILS: CIRC-PUMP BRINE PILL POH-L/D DIR. TOOLS, 6-6"DC, 3-8"DC RIG UP CSG CREW RUN CSG 9 5/8 RAN 65 JOINTS-SET AT 8512 CIRC PRIOR TO CEMENT JOB CEMENT W/HALIBURTON LEAD-320 SX CBM LITE BLENDW.25#/SX,10#/SK GILSONITE 3.97 YIELD,26.15 WATER REQ'D 10.5 PPG,TAIL - 245 SX PREM. AG300

W/2% CACL2, 25#/SX FLOCELE, FULL RETURNS DURING CMT JOB W/52 BBLS RETURNED TO SURFACE NIPPLE UP BOP TEST BOP 3000 HIGH, 250 LOW CHOKE MANIFOLD-3000/250

REPORT DATE: 06/15/04

MD: 2,865

TVD: 2,865

DAYS: 7

MW:8.6

VISC: 26

DAILY: DC: \$94,529

CC: \$0

TC: \$94,529

CUM: DC: \$379,969

CC: \$0

TC: \$379,969

DAILY DETAILS: P/U BHA, TIH - PICK UP 10 JTS DP BRK CIRC-DRILL CEMENT AND SHOE TO 2814 FIT-100 9.4 EMW DRILL 2865-4100

MD: 5,336

TVD: 5,115

DAYS: 8

MW:8.6

VISC : 26

REPORT DATE: 06/16/04 DAILY: DC: \$24,247

CC: \$0

TC: \$24,247

CUM: DC: \$404,216

CC: \$0

TC: \$404,216

DAILY DETAILS: DRILL 4100-4385 SERVICE RIG-ADJUST BRAKES DRILL 4385-5336 POOH TO L/D BHA & DIR TOOLS

JUN 3 0 2004

· -



WELL CHRONOLOGY REPORT



Page: 2

WELL NAME: RBU 14-10E

DISTRICT: ONSHORE WEST

FIELD: NATURAL BUTTES 630

Event No: 1

LOCATION: 114' FNL 1471' FWL SEC 15 T 10S R 19E

COUNTY & STATE: UINTAH

CONTRACTOR:

SPUD DATE:

WI %: 100.00

AFE#: 0401736

API#: 43-047-34975

PLAN DEPTH: 8,867

DHC: \$558,000

CWC: \$521,000

AFE TOTAL: \$1,079,000

FORMATION: WASATCH

EVENT DC: \$716,829

EVENT CC: \$0

EVENT TC: \$716,829

WELL TOTL COST: \$719,937

REPORT DATE: 06/17/04

MD: 6.651

TVD: 6.064

DAYS: 9

MW:8.6

VISC: 26

DAILY: DC: \$35,235

CC: \$0

TC:\$35,235

CUM: DC: \$439,451

CC: \$0

TC: \$439,451

DAILY DETAILS: POOH-L/D DIR BHA P/U BHA CUT DRILL LINE TIH - INSTALL DP RUBBERS WASH 60' TO BTM DRILL 5336-5797 SURVEY@5722 .5 210 DIR DRILL 5797-6303 SURVEY@6228 .2 212

DRILL 6303-6430 SERVICE RIG REPAIR KELLY VALVE DRILL 6430-6651

REPORT DATE: 06/18/04

MD: 8,169

TVD:

DAYS: 10

MW:8.7

VISC: 26

DAILY: DC: \$94.675

REPORT DATE: 06/19/04

TC: \$94,675

CUM: DC: \$536,204

CC: \$0

TC: \$536,204

DAILY DETAILS: DRILL 6651-6810 SURVEY@ 6722 .2 DEG 153 AZ DRILL 6810-7285 SERVICE RIG SURVEY @ 7211 2 DEG 157

CC: \$0

AZ DRILL 7285-7789 SURVEY@ 7711 2.5 DEG 37 AZ DRILL 7789-8169

DAYS: 11

MW:8.7

VISC: 26

DAILY: DC: \$23,950

MD: 8.417

TVD: 8,255 TC: \$23,950

CUM: DC: \$560,154

CC: \$0

CC: \$0

TC: \$560,154

DAILY DETAILS: DRLG F/ 8169 TO 8232 RIG SERVICE DRLG F/ 8232 TO 8264 SURVEY @ 8190 3 DEG 162 AZ DRLG F/ 8264 TO 8417 TOOH FOR BIT CHG BIT TIH W/ BHA CHG OUT UPPER KELLY COCK TIH HIT TIGHT SPOT HOLE WOULD

NOT STAY OPEN MIX MUD AND CIRC

REPORT DATE: 06/20/04

MD: 8,779

TVD:8,610

DAYS: 12

MW:9

VISC: 37

DAILY: DC: \$52,225

CC: \$0

TC: \$52,225

CUM: DC: \$612,379

CC: \$0

TC: \$612,379

DAILY DETAILS: CIRC & COND MUD WASH AND REAM F/ 4700 TO 4886 TIH W&R 70' TO BTM 15' OF FILL DRLG F/ 8417 TO 8706 DRLG F/ 8706 TO 8770 SURVEY @ 8779 2.5 DEG 163 AZ DRLG F/ 8770 TO 8779 TOOH FOR MOTOR WORK TIGHT

HOLE TOOH

REPORT DATE: 06/21/04

TVD:8,730

MD: 8,897

DAYS: 13

MW:9

VISC: 35

CUM: DC: \$664,604 CC: \$0 TC: \$664,604 TC:\$52.225 DAILY: DC: \$52,225 CC: \$0 DAILY DETAILS: TOOH LD MM AND BIT TIH DRLG F/8779 TO 8897 RIG SERVICE TOOH F/LOGS WAIT ON SCHLUMBERGER

LOGGING TO 8896 TIH TO LD DP

REPORT DATE: 06/22/04

MD: 8,897

TVD: 8,730

DAYS: 14

MW:

VISC:

DAILY: DC: \$52,225

CUM: DC: \$716,829 CC: \$0 TC: \$716,829 TC: \$52,225 CC: \$0 DAILY DETAILS: TIH CUT DRLG LINE TIH CIRC AND COND MUD LD/ DP RUN 210 JTS OF 5 1/2 17# M-80 LT&C 8RD CSG TO 8885.81' FC @ 8873.39 MIX AND PUMP 90SKS OF HI FILL W/ 16% GEL, .6% EX-1, 3% SALT, 1% HR-7, .25#/SK FLOCELE, 10#/SK GILSONITE, 11.6 PPG, 3.12 CUFT/SK, 17.83 GAL WATER/SK FOLLOWED BY 755SKS OF HLC W/ 65 % CEMENT, 35% POZ, 6% GEL, 3% KCL, 1% EX-1, .6% HALAD, 13 PPG, 1.69 CUFT/SK, 8.81 GAL

WATER/SK, LAND PLUG @ 0310 W/ 2210 PSI CHECK FLOATS, FLOATS HELD FULL RETURNS NO CEMENT TO SURFACE ND BOPE AND CLEAN PITS ND BOPE AND CLEAN PITS RIG RELEASED AT 07:30 06/22/2004

RECEIVED JUN 3 0 2004

DIV. OF OIL, GAS & MINING

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Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 200

5. Lease Serial No. U-013766

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u	1	1

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

abandoned we	6. If Indian, Allottee	or Tribe Name		
SUBMIT IN TRI	7. If Unit or CA/Agre	eement, Name and/or No.		
1. Type of Well	CUV	FIDENTIAL	8. Well Name and No RBU 14-10E	
Oil Well Gas Well Oth 2. Name of Operator	9. API Well No.			
DOMINION EXPL. & PROD.,	m.com 43-047-34975			
3a. Address 14000 QUAIL SPRINGS PAR OKLAHOMA CITY, OK 73134	KWAY, SUITE 600 Ph: 4	one No. (include area code 105.749.5263 05.749.6690	e) 10. Field and Pool, or NATURAL BUT	
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)		11. County or Parish,	and State
Sec 15 T10S R19E NENW 11	4FNL 1471FWL		UINTAH COUN	ITY, UT
12. CHECK APPI	ROPRIATE BOX(ES) TO INDI	CATE NATURE OF	NOTICE, REPORT, OR OTHE	R DATA
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION	
☐ Notice of Intent	☐ Acidize	□ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
_	☐ Alter Casing [☐ Fracture Treat	☐ Reclamation	□ Well Integrity
Subsequent Report	☐ Casing Repair [☐ New Construction	☐ Recomplete	Other
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations
	☐ Convert to Injection [☐ Plug Back	☐ Water Disposal	
ran 212 its. 5 1/2", 17#, M-80,	, weight 15.8 ppg, yield 1.15 cuft LT&C 8rd csg, set @ 8,886'. Ce w/755 sks HLC, yield 1.69, weigh	emented lead w/90 sk	s Hi-Fill, 11.6	
14. I hereby certify that the foregoing is	Electronic Submission #32439 v	rerified by the BLM We & PROD., INC., sent to		
Name (Printed/Typed) CARLA C	HRISTIAN	Title AUTHO	ORIZED REPRESENTATIVE	
Signature COUO (Electronic S	Submission)	Date 06/28/2	2004	
	THIS SPACE FOR FEI	DERAL OR STATE	OFFICE USE	
Approved By		Title		Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conductive the conductive conductive the applicant to conductive the a	uitable title to those rights in the subject operations thereon.	lease Office		
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a crime for statements or representations as to any m	r any person knowingly and atter within its jurisdiction	d willfully to make to any department of	gency by hEU hired

Date: 7/14/2004 Time: 2:03:12 PM



FAX COVER

CONFIDENTIAL

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To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From : Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject: RBU 14-10E

T105 R19E S-15 43-047-34975

Pages including cover page: 2

Date: 7/14/2004

Time: 1:56:10 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED
JUL 14 2004

DIVINGENTAL CONTRACTOR



WELL NAME: RBU 14-10E

DISTRICT: ONSHORE WEST COUNTY & STATE: UINTAH

FIELD: NATURAL BUTTES 630

LOCATION: 114' FNL 1471' FWL SEC 15 T 10S R 19E

CONTRACTOR:

Event No: 1

WI %: 100.00

AFE #: 0401736

UT

API#: 43-047-34975

PLAN DEPTH: 8,867

SPUD DATE:

DHC: \$558,000

CWC: \$521,000

AFE TOTAL: \$1,079,000

FORMATION: WASATCH

EVENT DC: \$769,054

WELL TOTL COST: \$784,472

REPORT DATE: 07/13/04

MD: 8,897

EVENT CC: \$12,310

TVD:8,730

DAYS: 15

MW:

VISC:

Page: 1

DAILY: DC: \$52,225

CC: \$750

TC: \$52,975

CUM: DC: \$769,054

CC: \$12,310

TC: \$781,364

DAILY DETAILS: MIRU SCHLUMBERGER WIRE LINE, AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1000# PRESSURE F/ PBTD @ 8848' KB TO 3100' KB. CMT TOP @ 3340' KB. POOH W/ WIRE LINE, AND PRESSURE CSG TO 5000#, HELD GOOD. RIH AND PERFORATE INTERVAL #1 @ 8720-44, 8824-40'. POOH RD WIRE LINE. SHUT

EVENT TC: \$781,364

WELL IN READY TO FRAC.

RECEIVED JUL 1 4 2004

DIV. OF OUR GOALS INTER



FAX COVER



013

To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From : Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject: RBU 14-10E

TIOSRIVE SI5 43-047-34975

Pages including cover page: 2

Date: 7/21/2004

Time: 1:20:58 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED
JUL 2 1 2004

DIV. OF OIL, GAS & MINING





WELL NAME: RBU 14-10E

DISTRICT: ONSHORE WEST

FIELD: NATURAL BUTTES 630

LOCATION: 114' FNL 1471' FWL SEC 15 T 10S R 19E

CONTRACTOR:

Event No: 1

COUNTY & STATE : UINTAH WI %: 100.00

AFE#: 0401736

API#: 43-047-34975

UT

PLAN DEPTH:8,867

SPUD DATE:

DHC: \$558,000

CWC: \$521,000

AFE TOTAL: \$1,079,000

FORMATION: WASATCH

EVENT DC: \$787,454

EVENT CC: \$19,060

EVENT TC: \$806,514

WELL TOTL COST: \$814,224

REPORT DATE: 07/20/04

MD: 8,897

TVD:8,730

DAYS: 16

MW:

VISC:

Page: 1

DAILY: DC: \$9,200

CC: \$375

TC:\$9,575

CUM: DC: \$778,254

CC: \$18,685

TC: \$796,939

DAILY DETAILS: FRAC INTERVAL #1, PERFORATE AND FRAC INTERVAL #2, AND PERFORATE INTERVAL #3.

REPORT DATE: 07/21/04

MD: 8,897

TVD:8,730

DAYS: 17

MW:

VISC:

DAILY: DC: \$9,200

CC: \$375

TC:\$9,575

CUM: DC: \$787,454

CC: \$19,060

TC: \$806,514

DAILY DETAILS: FRAC INTERVAL #3, PERFORATE AND FRAC INTERVAL #4.

RECEIVED JUL 2 1 2004



FAX COVER JOENTIAL

014

To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From: Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject: RBU 14-10E

TIOS RIGE S-15 43-041-34925

Pages including cover page: 2

Date: 7/29/2004

Time: 11:11:18 AM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED

JUL 2 9 2004

DIV. OF OIL, GAS & MINING



CONFIDENTIAL

Page: 1

WELL NAME: RBU 14-10E

DISTRICT: ONSHORE WEST **COUNTY & STATE: UINTAH**

FIELD: NATURAL BUTTES 630

LOCATION: 114' FNL 1471' FWL SEC 15 T 10S R 19E

CONTRACTOR:

WI %: 100.00

AFE#: 0401736

API#: 43-047-34975

PLAN DEPTH: 8,867

Event No: 1

SPUD DATE:

DHC: \$558,000

CWC: \$521,000

AFE TOTAL: \$1,079,000

FORMATION: WASATCH

EVENT DC: \$824,254

EVENT CC: \$305,887

EVENT TC: \$1,130,141

WELL TOTL COST: \$1,234,895

REPORT DATE: 07/22/04

MD: 8,897

TVD: 8,730

DAYS: 18

MW:

VISC:

DAILY: DC: \$9,200

CC: \$375

TC: \$9,575

CUM: DC: \$796,654

CC: \$215,435

TC: \$1,012,089

DAILY DETAILS: RIH W/ SCHLUMBERGER WIRE LINE IN AN ATTEMPT TO SET A CBP AND PERFORATE INTERVAL #5. TAG SAND @ 7863' KB, 78' OF SAND OVER INTERVAL #5. ATTEMPT TO FLUFF SAND OFF INTERVAL W/ NO LUCK. FLOW WELL TO THE PIT ON A 18/64 CHOKE UNTIL DARK. SCHLUMBERGER STIMULATION HAS A PROBLEM W/ THEIR

EQUIPMENT PUMPING SAND IN THE FLUSH.

REPORT DATE: 07/23/04

MD: 8,897

TVD:8,730

DAYS: 19

MW:

VISC :

DAILY: DC: \$9,200

CC: \$375

TC: \$9,575

CUM: DC: \$805,854

CC: \$222,912

TC: \$1,028,766

DAILY DETAILS: RU SCHLUMBERGER, RIH W/ DUMMY GUN AND TAG SAND @ 8015' KB. POOH W/ DUMMY GUN. RIH AND SET

CBP @ 8000', AND PREFORATE INTERVAL #5. PREP TO FRAC IN THE A.M.

REPORT DATE: 07/26/04

MD: 8,897

TVD: 8,730

DAYS: 20

MW:

VISC:

DAILY: DC:

CC:

TC:

CUM: DC: \$805,854

CC: \$223,837

TC: \$1,029,691

DAILY DETAILS: MIRU PLS WL RIH W/ 1-3/4" BLIND BOX TAG FILL @ 8007' POOH RD WL SIW SDFN.

REPORT DATE: 07/28/04

MD: 8,897

TVD:8,730

DAYS: 20

MW:

VISC:

DAILY: DC: \$9,200

CC: \$375

TC: \$9,575

CUM: DC: \$815,054

CC: \$225,212

TC: \$1,040,266

DAILY DETAILS: MIRU SCHLUMBERGER AND FRAC INTERVAL #5. DUE TO POOR GEL QUALITY, AND LOW CROSS LINKER

LEVELS, WELL SCREENED OUT W/ 6100# OF SAND LEFT IN CSG. RIH AND ATTEMPT TO SET PLUG AND PERFORATE INTERVAL #6, TAGGED AND STUCK PLUG @ 3700' KB. FLOWED GUN AND PLUG FREE, POOH

AND LEFT WELL FLOWING ON A 18/64 CHOKE UNTIL MIDNIGHT.

RECEIVED

JUL 29 2004

DIV. OF OIL. GAS & MINING



FAX COVER JUNE DENTIAL

015

To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From: Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject : RBU 14-10E

TIOS RIGE S-15 43-047-34925

Pages including cover page: 2

Date: 8/4/2004

Time: 3:19:48 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

AUG 0 4 2004





WELL NAME: RBU 14-10E

DISTRICT: ONSHORE WEST COUNTY & STATE: UINTAH

FIELD: NATURAL BUTTES 630

LOCATION: 114' FNL 1471' FWL SEC 15 T 10S R 19E

CONTRACTOR:

Event No: 2

WI %: 100.00

AFE#:

PLAN DEPTH: 8,867

SPUD DATE:

DHC:

API#: 43-047-34975

CWC ·

AFE TOTAL:

FORMATION: WASATCH

EVENT DC: \$0

EVENT CC: \$0

MD:

EVENT TC: \$0

WELL TOTL COST: \$1,249,992

REPORT DATE: 07/29/04

DAYS:

MW:

VISC:

Page: 1

DAILY: DC:

CC .

TVD:0 TC:

CUM: DC: \$0

CC: \$0

TC: \$0

DAILY DETAILS: COMPLETED FRAC PRCEDURES, TURNED TO PIT ON 12/64 CHOKE, 2650 FCP, 3725 TOTAL FRAC FLUID, HAS BEEN FLOWED BACK SEVERAL TIMES DURING FAILED FRAC PROCEDURES, HAVE RECOVERED A TOTAL OF

2000 BBLS. FLUID, TURNED TO PIT @ 4:00 PM 7-28-04, 1100 FCP @ 8:00 AM 7-29-04, CHANGED CHOKE TO

18/64, TURNED BACK TO PIT.

REPORT DATE: 07/30/04

MD: 0

TVD:0

DAYS:

MW:

VISC:

DAILY: DC:

CC:

TC:

CUM: DC: \$0

CC: \$0

TC: \$0

DAILY DETAILS: FLOWING TO PIT ON 18/64 CHOKE, 750 FCP RECOVERED 210 BBLS. FLUID.

REPORT DATE: 07/31/04

MD:0

TVD:0

DAYS:

MW:

VISC:

DAILY: DC:

CC:

TC:

CUM: DC: \$0

CC: \$0

TC: \$0

DAILY DETAILS: FLOWING TO PIT ON 18/64 CHOKE, HAD 1000 FCP STILL BRINGING MIST OF FRAC FLUID, LEFT OPEN TO PIT

ON 18/64 CHOKE.

REPORT DATE: 08/01/04

MD:0

TVD:0

DAYS:

MW:

VISC: TC: \$0

CC: \$0 DAILY: DC: CC: TC: CUM: DC: \$0 DAILY DETAILS: FLOWING TO PIT ON 18/64 CHOKE, HAD 1050 FCP, SI TURNED TO SALES @ 8:30 AM.

REPORT DATE: 08/02/04

MD: 0

TVD:0

DAYS:

MW:

VISC:

DAILY: DC:

CC:

TC:

CUM: DC: \$0

CC: \$0

TC: \$0

DAILY DETAILS: MADE 877 MCF, 0 OIL, 37 WTR, FCP 843, SLP 123, 18/64 CHOKE.

REPORT DATE: 08/03/04

MD:0

TVD:0

DAYS .

MW:

CC: \$0

VISC:

TC: \$0

CUM: DC:\$0 DAILY: DC: CC: TC: DAILY DETAILS: MADE 1267 MCF, OIL, 35 WTR, FCP 786, SLP 122, 18/64 CHOKE.

REPORT DATE: 08/04/04

MD:0

TVD:0

DAYS:

MW:

VISC:

DAILY: DC:

CC ·

TC:

CUM: DC: \$0

CC: \$0

TC: \$0

DAILY DETAILS: MADE 1236 MCF, 3 OIL, 20 WTR, FCP 782, SLP 112, 18/64 CHOKE.

AUG 0 4 2004

Date: 8/12/2004 Time: 2:42:32 PM



FAX COVER

016

To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From: Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject: RBU 14-10E

TIOS RIGE 5-15 43-047-34925

Pages including cover page: 2

Date: 8/12/2004

Time: 1:19:36 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

AUG 1 2 2004

DIV. OF OIL, GAS & MINING



Event No: 1

DISTRICT: ONSHORE WEST **COUNTY & STATE: UINTAH**

WELL NAME: RBU 14-10E

FIELD: NATURAL BUTTES 630

LOCATION: 114' FNL 1471' FWL SEC 15 T 10S R 19E

CONTRACTOR:

WI %: 100.00

AFE#: 0401736

API#: 43-047-34975

PLAN DEPTH: 8,867

SPUD DATE:

DHC: \$558,000

CWC: \$521,000

AFE TOTAL: \$1,079,000

FORMATION: WASATCH

EVENT DC: \$861,054

EVENT CC: \$354.418

EVENT TC: \$1,215,472

WELL TOTL COST: \$1,320,226

REPORT DATE: 08/05/04

MD: 8,897

TVD: 8,730

DAYS: 23

MW:

VISC :

Page: 1

A \$

DAILY: DC: \$9,200

CC: \$375

TC:\$9,575

CUM: DC: \$842,654

CC: \$318,259

TC: \$1,160,913

DAILY DETAILS: MIRU SCHLUMBERGER WIRE LINE, RIH AND SET TOP KILL PLUG @ 4500' KB. RDMO WIRELINE.

REPORT DATE: 08/07/04

MD: 8,897

TVD:8,730

DAYS: 24

MW:

VISC:

DAILY: DC: \$9,200

CC: \$9,568

TC:\$18,768

CUM: DC: \$851,854

CC: \$328,237

TC: \$1,180,091

DAILY DETAILS: ROAD RIG AND EQUIPMENT TO LOCATION AND RU SAME. ND FRAC VALVE, AND NU DRILLING STACK. RIH W/

4-3/4" ROCK TOOTH BIT, PUMP OFF BIT SUB, PSN, AND 146 JTS OF TBG. TAG CBP @ 4500' KB, LD 2 JTS OF

TBG, AND SHUT WELL IN OVERNIGHT.

REPORT DATE: 08/08/04

MD: 8,897

TVD:8,730

DAYS: 25

MW ·

VISC:

DAILY: DC: \$9,200

CC: \$375

TC: \$9,575

CUM: DC: \$861,054

CC: \$354,418

TC: \$1,215,472

DAILY DETAILS: BREAK CIRCULATION W/ FOAM UNIT, AND DRILL OUT PLUGS @ 4500', 6320', 6920', 7990', (SAND F/ 8316-8370) 8370', (SAND F/ 8509-8540) 8540', 8675', AND C/O SAND F/ 8850' TO PBTD @ 8871' KB. CIRCULATE WELL CLEAN, AND SPOT BIOCIDE IN RAT HOLE. LD 4 JTS OF TBG, AND LAND 283 JTS ON HANGER. EOT @ 8777', PSN @ 8775' KB. ND DRILLING STACK, DROP BALL, AND NU WELL HEAD. PUMP OFF BIT AND 1/2 OF PUMP OFF BIT

SUB @ 1300#. SHUT WELL IN OVERNIGHT.

RECEIVED



FAX COVER

017

To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From: Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject : RBU 14-10E

TIOS RIGE 5-15 43-047-34925

Pages including cover page: 2

Date: 8/19/2004

Time: 11:21:42 AM

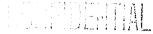
E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED
AUG 1 9 2004

DIV. OF OIL. GAS & MINING





Page: 1

WELL NAME: RBU 14-10E

DISTRICT: ONSHORE WEST COUNTY & STATE: UINTAH

CWC:

FIELD: NATURAL BUTTES 630

Event No: 2

LOCATION: 114' FNL 1471' FWL SEC 15 T 10S R 19E

CONTRACTOR:

WI %: 100.00

AFE#:

API#: 43-047-34975

PLAN DEPTH: 8,867

SPUD DATE:

DHC:

AFE TOTAL:

FORMATION: WASATCH

EVENT DC: \$0

EVENT CC: \$0

EVENT TC: \$0

WELL TOTL COST: \$1,320,226

REPORT DATE: 08/12/04

MD:0

TVD:0

DAYS:

MW ·

VISC:

DAILY: DC:

CC:

TC:

CUM: DC:\$0

CC: \$0

TC: \$0

DAILY DETAILS: MADE 1259 MCF, 0 OIL, 52 WTR, FTP 824, SICP 1026, SLP 120, 18/64 CHOKE.

REPORT DATE: 08/13/04

MD:0

TVD:0

DAYS:

MW:

CC: \$0

VISC:

CUM: DC: \$0 TC:

DAILY: DC:

CC:

TC: \$0

DAILY DETAILS:

REPORT DATE: 08/14/04

MD: 0 CC:

TVD:0 TC:

DAYS: CUM: DC:\$0 MW: CC: \$0 VISC: TC: \$0

DAILY DETAILS: MADE 1125 MCF, 7 OIL, 32 WTR, FTP 745, SICP 951, SLP 140, 18/64 CHKE.

REPORT DATE: 08/15/04

DAILY: DC:

MD:0

TVD:0

DAYS:

MW:

VISC:

DAILY: DC:

CC:

TC:

CUM: DC: \$0

CC: \$0

TC: \$0

DAILY DETAILS: MADE 1112 MCF, 7 OIL, 32 WTR, FTP 745, SICP 951, SLP 140, 18/64 CHOKE.

REPORT DATE: 08/16/04

MD:0

TVD:0

DAYS:

VISC:

CC:

MW:

DAILY: DC:

TC:

CUM: DC: \$0

CC: \$0

TC: \$0

DAILY DETAILS: MADE 1094 MCF, 3 OIL, 25 WTR, FTP 227, SICP 933, SLP 112, 18/64 CHOKE

REPORT DATE: 08/17/04

DAYS:

MD:0

TVD:0

CUM: DC:\$0

MW: CC: \$0 VISC: TC: \$0

TC: CC: DAILY: DC: DAILY DETAILS: MADE 1070 MCF, 5 OIL, 27 WTR, FTP 702, SICP 904, SLP 119, 18/64 CHOKE.

MD:0

CC:

TVD:0

DAYS:

REPORT DATE: 08/18/04

TC:

CUM: DC: \$0

MW: CC: \$0 VISC: TC: \$0

DAILY: DC: DAILY DETAILS: MADE 1073 MCF, 2 OIL, 22 WTR, FTP 718, SICP 913, SLP 129, 18/64 CHOKE.

EVICECIC CAS & MINING

Date: 8/25/2004 Time: 3:35:58 PM



FAX COVER

018

To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From : Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject: RBU 14-10E

TIOS RIGE 5-15 43-042-34925

Pages including cover page: 2

Date: 8/25/2004

Time: 2:53:56 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED AUG 2 6 2004

DIV. OF OIL, GAS & MINING



WELL NAME: RBU 14-10E

DISTRICT: ONSHORE WEST

COUNTY & STATE: UINTAH

WELL CHRONOLOGY REPORT

Event No: 2

LOCATION: 114' FNL 1471' FWL SEC 15 T 10S R 19E

CONTRACTOR:

SPUD DATE: 06/05/04

PLAN DEPTH: 8,867

DHC: **EVENT DC: \$0**

WI %: 100.00

AFE#: CWC:

AFE TOTAL:

API#: 43-047-34975

FIELD: NATURAL BUTTES 630

EVENT TC: \$0

FORMATION: WASATCH

WELL TOTL COST: \$1,320,226

REPORT DATE: 08/19/04

MD:0

EVENT CC: \$0

TVD:0

DAYS:

MW:

VISC:

Page: 1

DAILY: DC:

CC:

TC:

CUM: DC: \$0

CC: \$0

TC: \$0

DAILY DETAILS: MADE 994 MCF, 0 OIL, 17 WTR, FTP 723, SICP 914, SLP 110, 18/64 CHOKE.

REPORT DATE: 08/20/04

MD:0

TVD:0

DAYS:

MW:

VISC:

DAILY: DC:

CC:

TC:

CUM: DC: \$0

CC: \$0

TC: \$0

DAILY DETAILS: MADE 1045 MCF, 5 OIL, 25 WTR, FTP 633, SICP 864, SLP 130, 18/64 CHOKE.

REPORT DATE: 08/21/04 DAILY: DC:

MD: 0 CC:

TVD:0

DAYS: CUM: DC: \$0 MW: CC: \$0 VISC: TC: \$0

DAILY DETAILS: MADE 1026 MCF, 3 OIL, 20 WTR, FTP 637, SICP 852, SLP 136, 18/64 CHOKE.

REPORT DATE: 08/22/04

MD: 0

TVD:0

TC:

DAYS:

MW:

VISC:

DAILY: DC:

CC:

TC:

CUM: DC:\$0

CC: \$0

TC: \$0

DAILY DETAILS: MADE 1098 MCF, 3 OIL, 25 WTR, FTP 452, SICP 743, SLP 149, 18/64 CHOKE.

DAILY DETAILS: MADE 1153 MCF, 3 OIL, 30 WTR, FTP 420, SICP 721, SLP 128, 20/64 CHOKE.

REPORT DATE: 08/23/04

MD:0

TVD:0

DAYS:

MW:

TC:

CUM: DC:\$0

CC: \$0

VISC: TC: \$0

DAILY: DC: CC:

REPORT DATE: 08/24/04

MD:0

TVD:0

DAYS:

MW:

DAILY: DC:

CC:

TC:

CUM: DC: \$0

CC: \$0

VISC: TC: \$0

DAILY DETAILS: MADE 1186 MCF, 3 OIL, 18 WTR, FTP 307, SICP 657, SLP 128, 24/64 CHOKE, CHANGED CHOKE TO 30/64.

REPORT DATE: 08/25/04

MD:0

TVD:0

DAYS:

MW:

DAILY: DC:

CC:

TC:

CUM: DC: \$0

CC: \$0

VISC: TC: \$0

DAILY DETAILS: MADE 1216 MCF, 5 OIL, 32 WTR, FTP 215, SICP 593, SLP 118, 30/64 CHOKE

RECEIVED AUG 2 6 2004

DIV. OF OIL, GAS & MINING



FAX COVER

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To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From: Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject: RBU 14-10E

T 105 RIGE S-15

43-047-34975

Pages including cover page: 2

Date: 9/1/2004

Time: 2:26:18 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED

SEP 0 1 2004



EVENT TC: \$0

WELL NAME: RBU 14-10E

DISTRICT: ONSHORE WEST

FIELD: NATURAL BUTTES 630

LOCATION: 114' FNL 1471' FWL SEC 15 T 10S R 19E

COUNTY & STATE : UINTAH

UT

CONTRACTOR:

Event No: 2

WI %: 100.00

AFE#:

API#: 43-047-34975

PLAN DEPTH: 8,867

SPUD DATE: 06/05/04

DHC:

CWC:

AFE TOTAL:

FORMATION: WASATCH

WELL TOTL COST: \$1,320,226

REPORT DATE: 08/26/04

EVENT DC: \$0

MD:0

TVD:0

DAYS:

MW:

VISC:

Page: 1

DAILY: DC:

CC:

TC:

CUM: DC: \$0

CC: \$0

TC: \$0

DAILY DETAILS: MADE 1204 MCF, 3 OIL, 22 WTR, FTP 170, SICP 569, SLP 119, 30/64 CHOKE.

EVENT CC: \$0

RECEIVED

SEP 0 1 2004

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Serial No. U-013766

Well Name and No.

43-047-34975

RBU 14-10E

9. API Well No.

_	_	
n	a	•
H	7.	ł

1. Type of Well

☐ Oil Well 🛛 Gas Well 🔲 Other

14000 QUAIL SPRINGS PARKWAY, SUITE 600

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Name of Operator
 DOMINION EXPL. & PROD., INC.

OKLAHOMA CITY, OK 73134

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

Contact:

7. If Unit or CA/Agreement, Name and/or No.

6. If Indian, Allottee or Tribe Name

10. Field and Pool, or Exploratory NATURAL BUTTES

11. County or Parish, and State

Sec 15 T10S R19E NENW 11	UINTAH COUN	UINTAH COUNTY, UT			
12. CHECK APPI	ROPRIATE BOX(ES) TO I	NDICATE NATURE OF	NOTICE, REPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION		ТҮРЕ О	OF ACTION	-	
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	□ Water Shut-Off	
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity	
Subsequent Report	☐ Casing Repair	☐ Recomplete	Other		
☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandon	☐ Temporarily Abandon	Drilling Operations	
	☐ Convert to Injection	☐ Plug Back	■ Water Disposal		

CARLA CHRISTIAN E-Mail: Carla_M_Christian@dom.com

3b. Phone No. (include area code) Ph: 405.749.5263

Fx: 405.749.6690

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. Lessing Froposed of Completed Operation (clearly state an pertunent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BLA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

7/21/04 thru 7/29/04 perf'd and frac'd well. First sales 7/31/04.

RECEIVED SEP 0 / 2004

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Electronic Submission #35438 verified For DOMINION EXPL. & PRO	by the BLM Well Information System DD., INC., sent to the Vernal	
Name (Printed/Typed) CARLA_CHRISTIAN	Title AUTHORIZED REPRESENTATIVE	
Signature (Lilectronic Submission)	Date 08/31/2004	
THIS SPACE FOR FEDERA	L OR STATE OFFICE USE	
Approved By	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-4 (Aug-st 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

F LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137

Expires: November 30, 2000

BURE! WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Serial No.

V & I									NI	I IMM.		L	JTU-01	13792
1a. Type o	of Well	Oil Well X	Gas Well	Dry	Other						l.	If Indian Allei		
b. Type o	of Completion:	X New We	ell Wo					iff Does			 	ii indian, Alio	tee or 1	nbe Name
		-				Бесреп		III.Nesv	1.		7	Unit or CA Ac	reemen	t Name and No
		Other									ļ'.	OIM OF OA Ag	i centen	t Name and No.
	•										18	Lease Name	and Mo	II No
Domi	inion Explora	tion & Prod	uction, Inc.								"			
Addres	ss						За	a. Phone	e No. (include	area code)	-		NDO	14-100
14	000 Quail Sp	orings Parkv	vay - Ste. 60	00 - Okla.	City.	OK 7313	34				١.		L047 '	24075
Locatio	on of Well (Repor	rt location clear	ly and in accord	fance with Fe	ederal	requirement	ls)*		100 1 10 10		10			
						•	,				4			pioratory
			114' FNL &	1471' FW	L, S	ec. 15								rk and
At top p														
844-4-1	10	00' FSL & 1	850' FWL,	Sec. 10										
At total	gebru 88	4 FSL	1866 A	FULL	ج	Fc. 10	P	C P	Dro	Simple	1		311	
14. Date Sp	oudded	15. Date	r.D. Reached	1	16. Da	te Complete	ed	<u>-/_</u>	OFA,	SURVEY			DICE	
6/6/2	2004		6/20/2004				X				17.	Elevations (D)	, KKB,	RI, GL)*
						D&A	R	leady to	prod. 7/	31/2004	l		5114	4'
18. Total De	•		19. Plug Bac	k T.D.: N	/ID	8848		20			MD			
 	TVD	8738'		T	VD							•		
21. Type El	ectric & Other Me	echanical Logs	Run (Submit co	opy of each)				22 W	as well cored	. [V]k.		T.	<u> </u>	
40	ual/Micro Lat	terolog, Cor	np. Z-Densi	loa. Comr	o. Ne	eutron		ł						• •
	Gamma	Ray/Calipe	r Log. Cem	ent Bond i	l oa			Ī					-	
23. Casing a	and Liner Record	(Report all stri	no set in well)					Dil	rectional Survi	ey?		No X	Yes	(Submit copy)
				D		Stage Ce	menter	No	of Ske P	Chama Val				
					(MD)						С	ement Top*	1	Amount Pulled
											Sur	face	 	
											Sur	face		
		11#	Surface	8886		L		845 8	Sks		Est.	TOC 3350	,	
Size	Depth Set (M	ID) Pack	er Depth (MD)	Size		Depth Se	t (MD)	Pack	er Denth (MD	Sizo		Doub Cat/16	5\ L	
2 3/8"	8777'						. (/		ici bepai (iiib	J Size	+	Depth Set(M	(ט	Packer Depth (MD)
						26. Perforat	tion Reco	ord						
									al	Size	No	o. Holes	Pe	rf.Status
												58		Open
						8580- 92	, 8608-	-12, 80	624- 48			55		Open
								52 906	0 05			55		Open
			-	0002			0030- 3	32, 803	08-85					
E) Mesave	rde		7946'	7971'			7968-	. 71						
				6800'				<u> </u>						
			6158'	6182'		6158-82	-							
27. Acid, Fra	cture, Treatment	, Cement Sque	eze, Etc.											Open
			Frac w/43 1	30# 20/40	aq n	6000 Sar	od w/Š	Amou	nt and Type of	Material	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
			Frac w/52.5	52# 20/40	O PR	6000 Sar	nd w/3	33 A N	VISCI OF N2	and 627 bbl	SYF	120ST.	RF(
			Frac w/28,6	46# 20/40	PR	6000 Sar	nd. w/1	87.6 M	Ascf of N2	and 480 bbl	S IF	12051.	111	CIVED
			Frac w/67,8	32# 20/40) PR	6000 San	nd. w/4	02.1 N	Ascf of N2	and 783 hhis	e VE	120CT	CED	7 / 2001
			Frac w/32.4	9U# 20/40) Ott:	awa Sanc	1 w/1A	$\mathbf{n} \circ \mathbf{n}$	cof of NO a	nd 404 bbls	VE	4000T	~ —,	2 2004
			Frac w/31,5	92# 20/40) Otta	awa Sand	l. w/12	1.7 M	scf of N2 a	nd 378 hbls	VF.	115ST) F () ()	
			1100 11102,0	00# 40/4C) Oll	awa Sanc	ı, w/ 19	1.8 M	sct of N2 a	nd 377 bbls	YF	115ST."	# Oil	r GAS & Jalleys,
Produced	Date	Tested	i	1					•		Pro	oduction Method		
7/31/2004	9/21/2004	24	-		l	Į.		ľ	COII. AF	Gravity				
Choke	Tbg.Press.	Csg.	24 Hr.	Oil	Gas				Gas Oil	Wall States			Flowi	ng
Size	Flwg. Si	Press.	Rate		MCF					vven Status				-
48	175	388		0		685	0	İ				Produc	inc	
		100							···			1 10000	"iy	
Produced	Test Date	Hours Tested			Gas					Gas	Pro	duction Method		
1. Type of View														
	Tbg.Press.	Csg.	24 Hr.	Oil	Gas	_{1,}	later		Page (All	,	15			
Size	Flwg. SI									1	F	XPIRED		
										0	J 8	3-31-0	5	3
				<u> </u>						U	٧٢			i

	luction - Interval C										
Date First Produced	Test Date	Hours Tested	Production	Oil BBL	Gas MCF	Water BBL	Oil Co	Gravity	Gas Gravity	Production Meth	od ·
Choke Size	Tbg.Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Ga Rai	s:Oil tio	Well Status		
	uction - Interval D										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL		Gravity T. API	Gas Gravity	Production Meth	od
Choke Size	Tbg.Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL		Gas:Oil Welf Status Ratio			
29. Dispostio	on of Gas (Sold, u	sed for fuel, v	rented, etc.)	!					· I		
30. Summar	y of Porous Zones	(Include Aqu	ifers):		······································			31. Forma	tion (Log) Marke	ers	
Show all tests, inc	important zones of cluding depth inter- overies.	of porosity and val tested, cus	d contents thereo	of: Cored tool open	intervals and a , flowing and s	all drill-stern hut-in pressures					
Forma	ation	Тор	Bottom		Descritpion,	Contents, etc.			Name		Top Meas. Dep
32. Additiona	ıl remarks (include	plugging prod	cedure)						Wells Buttes		4445' 4837' 4987' 5846' 7080' 7899'
	closed attachment		req'd)	2. (Geologic Repor	rt 3.	DST Re	port	4. Directional	Survey	
5. Sundi	ry Notice for plugg	ing and ceme	ent verification	6. C	Core Analysis	7. 9	Other:				
34. I hereby c	ertify that the fore	going and atta	ached information	n is comp	lete and correc	as determined fi	om all a	vailable rec	ords (see attacl	ned instructions)*	•
Name (ple	ease print)	Carla Chr	ristian				Title _	Regul	atory Specia	alist	· · · · · · · · · · · · · · · · · · ·
Signature	<u>('Cu</u>	la 1	hust	vov	Δ		Date .	Septe	mber 23, 20	004	
											
Fitle 18 U.S.C any false, fictit	. Section 1001 and tious or fradulent s	d Title 43 U.S statements or	S.C. Section 1212 representations	2, make it as to any	a crime for any matter within it	y person knowingl ts jurisdiction.	y and w	illfully to mal	ke to any depar	tment or agency	of the United States



Directional & Horizontal Drilling Systems

Dominion Exploration and Production Natural Buttes Field, Uintah County, Utah (River Bend Unit) RBU #14-10E Section 15, T10S, R19E

Final Well Report

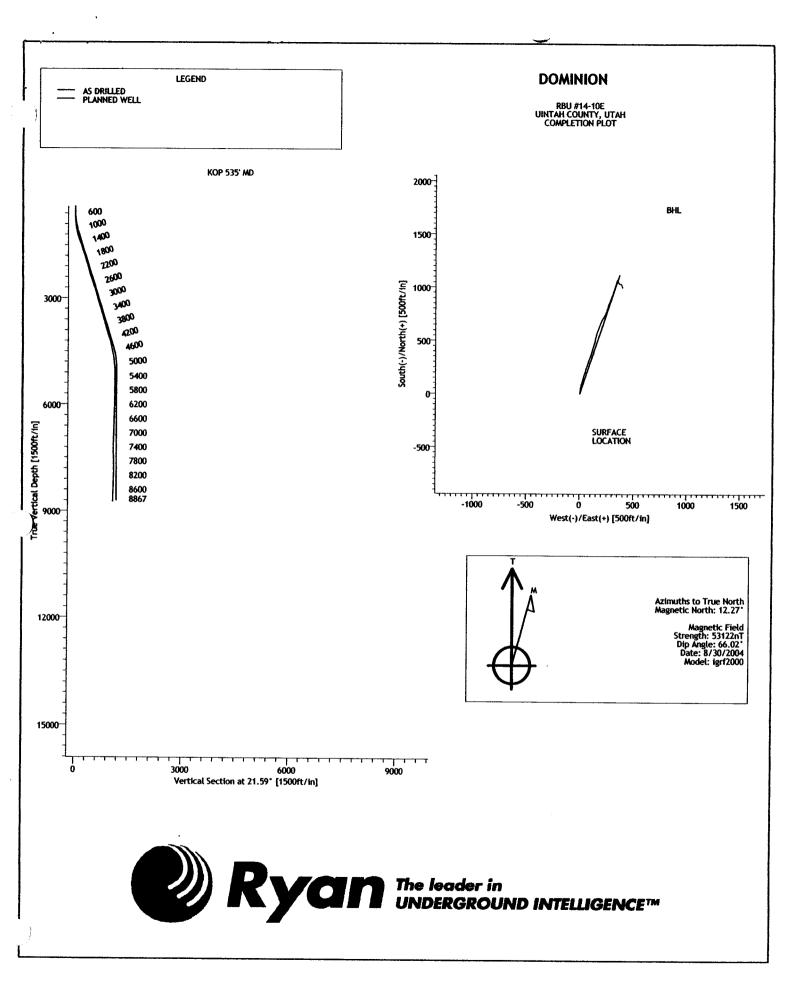


AS DRILLED

RBU #14-10E

SECTION 15, T10S, R19E

Uintah County, Utah



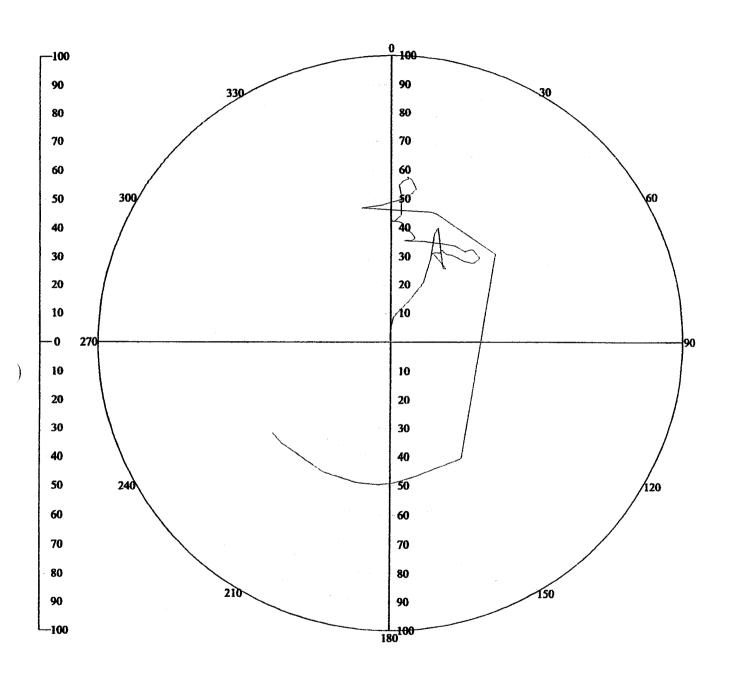


TRAVELING CYLINDER

RBU #14-10E

SECTION 15, T10S, R19E

Uintah County, Utah



Reference Toolface Angle [deg] vs Centre to Centre Separation [ft]

----- RBU #14-10E (Plan 1) ----- SS Survey #2

Survey Report - Standard

RBU #14-10E

SECTION 15, T10S, R19E

Uintah County, Utah

Ryan Energy **Survey Report**



Company: **DOMINION** Field:

UTAH

UINTAH COUNTY

Site: RBU #14-10E AS DRILLED Well: Welipath:

Date: 9/23/2004

Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: **Survey Calculation Method:**

Time: 13:34:58

Page: Site: UINTAH COUNTY, True North

SITE 0.0

Well (0.00N,0.00E,21.59Azi) Minimum Curvature

Db: Sybase

Field:

UTAH

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level Map Zone: Coordinate System: Utah, Central Zone

Site Centre

igrf2000 Geomagnetic Model:

Site:

UINTAH COUNTY

Site Position: From:

Geographic Position Uncertainty: **Ground Level:**

+N/-S

+E/-W

Northing: **Easting:**

7141154.37 ft 2158987.89 ft Latitude: Longitude: **North Reference:**

Grid Convergence:

34.409 N 39 54 109 39 4.220 W True

1.18 deg

Well: **RBU #14-10E**

Well Position: **Position Uncertainty:**

0.00 ft Northing: Easting: 0.00 ft 0.00 ft

0.00 ft

0.00 ft

7141154.37 ft 2158987.89 ft Latitude: Longitude:

Slot Name:

39 54 34.409 N 4.220 W 109 39

Surface

Wellpath: AS DRILLED

Current Datum: Magnetic Data: Field Strength:

Vertical Section:

8/30/2004 Depth From (TVD)

0.00

Height 0.00 ft 53122 nT

+N/-S ft

0.00

Drilled From: Tie-on Depth: Above System Datum:

Declination: Mag Dip Angle: +E/-W ft

0.00 ft Mean Sea Level 12.27 deg 66.02 deg Direction

deg 21.59

Survey: Company:

Tool:

AS DRILLED

Ryan Energy

Start Date:

0.00

8/30/2004

Engineer: Tied-to:

Stephanie Altrock User Defined

Survey: AS DRILLED

MD		Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	
535.00		0.00	535.00	0.00	0.00	0.00	0.00	0.00	0.00	
553.00		200.10	553.00	-0.03	-0.01	-0.03	1.11	1.11	0.00	
630.00		31.00	629.99	0.65	0.43	0.76	2.07		-219.61	
722.00	2.50	15.50	721.94	3.55	1.54	3.87	1.32	1.20	-16.85	
814.00	4.30	12.00	813.77	8.86	2.80	9.26	1.97	1.96	-3.80	
907.00	6.80	2.20	906.33	17.77	3.73	17.90	2.87	2.69	-10.54	
999.00	8.50	2.90	997.51	30.00	4.29	29.47	1.85	1.85	0.76	
1091.00	10.70	8.50	1088.22	45.24	5.89	44.24	2.60	2.39	6.09	
1187.00	14.30	12.70	1181.93	65.63	9.82	64.64	3.87	3.75	4.37	
1282.00) 17.20	14.10	1273.35	90.70	15.82	90.16	3.08	3.05	1.47	
1377.00	19.20	16.20	1363.60	119.33	23.60	119.64	2.22	2.11	2.21	
1473.00	18.90	16.90	1454.34	149.37	32.52	150.85	0.39	-0.31	0.73	
1569.00		17.30	1545.30	178.71	41.55	181.46	0.54	-0.52	0.42	
1664.00		17.60	1635.39	207.46	50.59	211.52	0.23	0.21	0.32	
1760.00	18.70	17.60	1726.35	236.73	59.87	242.15	0.10	0.10	0.00	
1855.00	17.30	17.30	1816.70	264.73	68.68	271.43	1.48	-1.47	-0.32	
1951.00	16.60	16.90	1908.52	291.48	76.91	299.33	0.74	-0.73	-0.42	
2047.00		20.80	2000.76	316.67	85.48	325.91	1.53	-1.04	4.06	
2142.00		22.50	2092.26	340.41	94.90	351.45	0.48	0.00	1.79	
2238.00	16.40	16.60	2184.55	365.33	103.72	377.86	1.89	0.83	-6.15	
2333.00		16.90	2275.64	391.16	111.49	404.75	0.23	0.21	0.32	
2429.00		16.90	2367.29	418.48	119.79	433.20	1.46	1.46	0.00	
2525.00		15.90	2458.87	446.09	127.93	461.87	1.19	-1.15	-1.04	
2620.00	17.10	15.50	2549.72	472.83	135.44	489.49	0.24	0.21	-0.42	



Ryan Energy **Survey Report**

Company: DOMINION

Field: UTAH Site:

Well:

8190.00

8779.00

8897.00

3.00

2.50

2.50

162.00

163.00

163.00

8031.50

8619.82

8737.71

1029.50

1002.56

997.64

384.77

393.29

394.80

1098.86

1076.94

1072.91

1.03

0.09

0.00

26.51

0.17

0.00

0.10

-0.08

0.00

UINTAH COUNTY RBU #14-10E AS DRILLED Wellpath:

Date: 9/23/2004

Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: **Survey Calculation Method:**

Time: 13:34:58

Page: Site: UINTAH COUNTY, True North

SITE 0.0

Well (0.00N,0.00E,21,59Azi)

Minimum Curvature

Db: Sybase

2

AS DRILLED Survey: MD luci Azim TVD +N/-S +E/-W VS DLS Build Turn Tool/Comment deg deg ft ft ft deg/100ft deg/100ft deg/100ft ft ft 2715.00 17.60 11.60 2640.40 500.36 142.06 517.53 1.33 0.53 -4.11 2790 00 17.20 11.30 2711.97 522.34 146.52 539.61 0.55 -0.53-0.40 2828.00 16.70 12.00 2748.32 533.19 148.75 550.52 1.42 -1.32 1.84 2923.00 16.40 13.80 2839.38 559,57 154.79 577.26 0.63 -0.321.89 17.90 3019.00 20.40 2931.12 586.56 163.17 605.45 2.56 1.56 6.87 3114.00 17.30 21.50 3021.67 613.39 173.43 634.17 0.72 -0.63 1.16 3210.00 16.00 19.40 639.15 3113.65 183.06 661.66 1.49 -1.35 -2 19 3306.00 17.30 23.60 3205.62 664.71 193.17 689.15 1.84 1.35 4.37 3401.00 16.50 689.81 25.70 3296.52 204.67 716.73 1.06 -0.84 2.21 3496.00 17.00 28.90 3387.49 714.13 217.24 743.96 1.10 0.53 3.37 3592.00 16.40 30.30 3479.44 738.11 230.86 771.27 -0.62 0.75 1 46 3688.00 16.40 22.50 3571.55 762.34 242.88 798 22 2.29 0.00 -8.12 3783.00 17.10 18.30 3662.52 787.99 252.40 825.58 1.47 0.74 -4.42 3879 00 15.80 16.60 3754.59 813.92 260.57 852.69 1.44 -1.35-1.77 3974.00 16.40 18.70 3845.86 839.01 268.56 878.97 0.88 0.63 2 21 4069.00 15.50 20.80 3937.21 863.58 277.37 905.06 1.13 -0.952.21 4163.00 16.30 21.10 4027.61 887.63 286.58 930.81 0.86 0.85 0.32 4259 00 17.10 22.90 4119.56 913.20 296.92 958.39 0.99 0.83 1.87 4354.00 17.00 20.10 4210.39 939.11 307.13 986.24 0.87 -0.11 -2 95 4450.00 14.30 16.20 4302.82 963 68 315.26 1012.07 3.02 -2.81-4.064545.00 12.70 17.30 4395.19 984.92 321.64 1034.17 1.71 -1.68 1.16 4640.00 11.70 18.30 4488.05 1004.04 327.77 1054.20 1.08 -1 05 1.05 4735.00 10.80 15.50 4581.22 1021.76 333.17 1072.67 1.11 -0.95-2.95 4830.00 8.90 16.60 4674.82 1037.38 1088.84 337.65 2.01 -2.00 1.16 4925.00 7 60 15.20 4768.83 1050.49 341.40 1102.41 1.38 -1.37 -1.47 5020.00 6.30 14.50 4863.13 1061.59 344.35 1113.82 1.37 -1.37-0.745115.00 3.70 1122.06 18.70 4957.76 1069.55 346.64 2.76 -2.74 4.42 5210.00 0.50 36.60 5052.69 1072.78 347.87 1125.52 3.40 -3.3718.84 5273.00 0.30 7.80 5115.69 1073.17 348.05 1125.95 0.44 -0.32 -45.71 5722.00 0.50 210.00 5564.68 1072.64 347.23 1125.15 0.18 0.04-35.14 6222.00 2.00 153.00 6064.56 1062.97 350.10 1117.22 0.36 0.30 -11.406722.00 2.00 153.00 6564.26 1047.42 358.03 1105.68 0.00 0.00 0.00 7211.00 2.00 157.00 7052.96 1031.97 365.23 1093.96 0.03 0.00 0.82 7711.00 2.50 35.00 7552,76 1032.87 374.90 1098.35 0.79 0.10 -24.40

Survey Report-Geographic

RBU #14-10E

SECTION 15, T10S, R19E

Uintah County, Utah



Ryan Energy Survey Report - Geographic

Company: DOMINION Field:

UTAH

UINTAH COUNTY

Site: Well: **RBU #14-10E** AS DRILLED Wellpath:

9/23/2004 Date:

Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:

Time: 13:36:11 Site: UINTAH COUNTY, True North

SITE 0.0

Well (0.00N,0.00E,21.59Azi) Minimum Curvature

Db: Sybase

1

Field:

UTAH

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level Map Zone: Coordinate System:

Utah, Central Zone Site Centre

Geomagnetic Model: igrf2000

UINTAH COUNTY

Site Position:

Ground Level:

Well Position:

Geographic From: Position Uncertainty:

Northing: **Easting:**

7141154.37 ft 2158987.89 ft Latitude: Longitude:

39 54 34.409 N 109 39 4.220 W

North Reference: True 1.18 deg **Grid Convergence:**

Well:

RBU #14-10E

0.00 ft Northing: 0.00 ft Easting:

0.00 ft

0.00 ft

0.00 ft

7141154.37 ft 2158987.89 ft Latitude: Longitude:

Slot Name:

39 54 34,409 N 109 39 4.220 W

Position Uncertainty: Wellpath: AS DRILLED

Current Datum: Magnetic Data: Field Strength:

Vertical Section:

+N/-S

+E/-W

8/30/2004 53122 nT

Depth From (TVD)

0.00

Height 0.00 ft

+N/-S

ft

0.00

Tie-on Depth: Above System Datum: Declination:

Drilled From:

Mag Dip Angle: +E/-W ft

Surface 0.00 ft Mean Sea Level 12.27 deg 66.02 deg

Direction deg 21.59

Survey:

Tool:

AS DRILLED

Company: Ryan Energy **Start Date:**

0.00

8/30/2004

Engineer: Tied-to:

Stephanie Altrock User Defined

Survey: AS DRILLED

MD ft	Incl deg	Azim deg	TYD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	C—Deg		ude> Sec		Long Min	ritude> Sec
535.00	0.00	0.00	535.00	0.00	0.00	7141154.37	2158987.89	39	54	34.409 N	109	39	4.220 W
553.00	0.20	200.10	553.00	-0.03	-0.01	7141154.34	2158987.88		54	34.409 N		39	4.220 W
630.00	1.40	31.00	629.99	0.65	0.43	7141155.03	2158988.31	39 5	54	34.415 N		39	4.215 W
722.00	2.50	15.50	721.94	3.55	1.54	7141157.95	2158989.36			34.444 N		39	4.200 W
814.00	4.30	12.00	813.77	8.86	2.80	7141163.28	2158990.51			34.496 N		39	4.184 W
907.00	6.80	2.20	906.33	17.77	3.73	7141172.21	2158991.26	39 5	54	34.585 N	109	39	4.172 W
999.00	8.50	2.90	997.51	30.00	4.29	7141184.45	2158991.56			34.705 N		39	4.165 W
1091.00	10.70	8.50	1088.22	45.24	5.89	7141199.72	2158992.85		-	34.856 N		39	4.144 W
1187.00	14.30	12.70	1181.93	65.63	9.82	7141220.19	2158996.35			35.058 N	109		4.094 W
1282.00	17.20	14.10	1273.35	90.70	15.82	7141245.38	2159001.84			35.305 N	109		4.017 W
1377.00	19.20	16.20	1363.60	119.33	23.60	7141274.16	2159009.02	39 5	54	35.588 N	109	30	3.917 W
1473.00	18.90	16.90	1454.34	149.37	32.52	7141304.37	2159017.32			35.885 N	109		3.803 W
1569.00	18.40	17.30	1545.30	178.71	41.55	7141333.90	2159025.74		-	36.175 N		39	3.687 W
1664.00	18.60	17.60	1635.39	207.46	50.59	7141362.83	2159034.19			36.459 N	109		3.571 W
1760.00	18.70	17.60	1726.35	236.73	59.87	7141392.28	2159042.86			36.749 N	109		3.452 W
1855.00	17.30	17.30	1816.70	264.73	68.68	7141420.46	2159051.09	39 5	54	37.025 N	109	30	3.339 W
1951.00	16.60	16.90	1908.52	291.48	76.91	7141447.38	2159058.76			37.290 N		39	3.233 W
2047.00	15.60	20.80	2000.76	316.67	85.48	7141472.74	2159066.81			37.539 N		39	3.123 W
2142.00	15.60	22.50	2092.26	340.41	94.90	7141496.67	2159075.74			37.773 N		39	3.002 W
2238.00	16.40	16.60	2184.55	365.33	103.72	7141521.76	2159084.04			38.020 N		39	2.889 W
2333.00	16.60	16.90	2275.64	391.16	111.49	7141547.75	2159091.28	39 5	. 4	38.275 N	109	39	2.789 W
2429.00	18.00	16.90	2367.29	418.48	119.79	7141575.23	2159099.01		-	38.545 N		39	2.683 W
2525.00	16.90	15.90	2458.87	446.09	127.93	7141603.01	2159106.57			38.818 N		3 9	2.578 W



Ryan Energy Survey Report - Geographic

Company: DOMINION
Field: UTAH
Site: UINTAH COUNTY RBU #14-10E

Date: 9/23/2004

Time: 13:36:11 Page: : Site: UINTAH COUNTY, True North

Co-ordinate(NE) Reference: Vertical (TVD) Reference: SITE 0.0

Site: Well: Wellpath:	: RBU #14-10E			V S	ection (VS) Refurely urvey Calculati	teference: erence:	Site: UNITAH COUNTY, true North SITE 0.0 Well (0.00N,0.00E,21.59Azi) Minimum Curvature Db: Sybase						
Survey:	AS DRILLED)	 										
						Мар	Мар	<	Lati	tude>	<	Lon	gitude
MD	Inci	Azim	TVD	+N/-S	+E/-W	Northing	Easting	Deg	Min	Sec			Sec
ft	deg	deg	ft	ft	ft	ft	ft						
2620.00	17.10	15,50	2549.72	472.83	135.44	7141629,90	2159113.53	39	54	39.082 N	109	30	2.482 V
2715.00	17.60	11.60	2640.40	500.36	142.06	7141657.56	2159119.58	39		39.354 N	109		2.397 V
							2.00000	00	•	00.00711	100	33	2.007
2790.00	17.20	11.30	2711.97	522.34	146.52	7141679.63	2159123.58	39	54	39.571 N	109	39	2.340 V
2828.00	16.70	12.00	2748.32	533.19	148.75	7141690.52	2159125.59	39	54	39.679 N	109		2.311 \
2923.00	16.40	13.80	2839.38	559.57	154.79	7141717.01	2159131.08	39	54	39.939 N	109		2.233 \
3019.00	17.90	20.40	2931.12	586.56	163.17	7141744.18	2159138.90	39		40.206 N	109		2.126 \
3114.00	17.30	21.50	3021.67	613.39	173.43	7141771.21	2159148.61	39	54	40.471 N	109		1.994
3210.00	16.00	19.40	3113,65	639.15	183.06	7141797.16	2159157.70	39	54	40.726 N	109	39	1.871 \
3306.00	17.30	23.60	3205.62	664.71	193.17	7141822.93	2159167.28	39		40.979 N	109		1.741
3401.00	16.50	25.70	3296.52	689.81	204.67	7141848.26	2159178.27	39		41.227 N	109		1.593
3496.00	17.00	28.90	3387.49	714.13	217.24	7141872.83	2159190.32	39		41.467 N	109		1.432
3592.00	16.40	30.30	3479.44	738.11	230.86	7141897.09	2159203.45	39	54	41.704 N	109		1.257
3688.00	16.40	22.50	3571.55	762.34	242.88	7141921.56	2159214.97	39	54	41.943 N	109	30	1.103
3783.00	17.10	18.30	3662.52	787.99	252.40	7141947.41	2159223.95	39		42.197 N	109		0.981
3879.00	15.80	16.60	3754.59	813.92	260.57	7141973.50	2159231.58	39		42.453 N	109		0.876
3974.00	16.40	18.70	3845.86	839.01	268.56	7141998.75	2159239.06	39		42.701 N	109		0.773
4069.00	15.50	20.80	3937.21	863.58	277.37	7142023.50	2159247.35	39		42.944 N	109		0.660
4163.00	16.30	21.10	4027.61	887.63	286.58	7142047.73	2159256.06	39 5	5 <i>4</i>	43.182 N	109	20	0.542
4259.00	17.10	22.90	4119.56	913.20	296.92	7142073.51	2159265.88	39		43.435 N	109		0.342
4354.00	17.00	20.10	4210.39	939.11	307.13	7142099.63	2159275.55	39		43.691 N	109		0.409
4450.00	14.30	16.20	4302.82	963.68	315.26	7142124.36	2159283.17	39		43.933 N	109		0.276
4545.00	12.70	17.30	4395.19	984.92	321.64	7142145.73	2159289.11	39		44.143 N	109		0.092
4640.00	11.70	18.30	4488.05	1004.04	327.77	7142164.96	2159294.84	39 5	5 <i>4</i>	44.332 N	109	20	0.040
4735.00	10.80	15.50	4581.22	1021.76	333.17	7142182.80	2159299.88	39 5		44.507 N	109		0.013
4830.00	8.90	16.60	4674.82	1037.38	337.65	7142198.51	2159304.03	39 5		44.662 N	109		59.944 59.886
4925.00	7.60	15.20	4768.83	1050.49	341.40	7142211.69	2159307.51		54	44.791 N	109		59.838
5020.00	6.30	14.50	4863.13	1061.59	344.35	7142222.85	2159310.23	39 5		44.901 N	109		59.800
5115.00	3.70	18.70	4957.76	1069.55	346.64	7142230.85	2159312.35	39 5	54	44.980 N	100	20	E0 774 1
5210.00	0.50	36.60	5052.69	1072.78	347.87	7142234.11	2159312.55			44.980 N 45.012 N	109 109		59.771
5273.00	0.30	7.80	5115.69	1073.17	348.05	7142234.50	2159313.69	39 5		45.012 N 45.016 N	109		59.755 \
5722.00	0.50	210.00	5564.68	1072.64	347.23	7142233.95	2159312.88	39 5		45.010 N	109		59.753 \ 59.763 \
6222.00	2.00	153.00	6064.56	1062.97	350.10	7142224.35	2159315.95			44.915 N	109		59.727
6722.00	2.00	153.00	6564.26	1047.42	358.03	7142208.97	2159324.20	39 5	: A	44 704 N	400	^^	50 00F :
7211.00	2.00	157.00	7052.96	1031.97	365.23	7142193.66	2159324.20			44.761 N	109		59.625
7711.00	2.50	35.00	7552.76	1031.97	374.90	7142193.00		39 5		44.608 N	109		59.532 \
8190.00	3.00	162.00	8031.50	1032.67	384.77	7142194.76	2159341.37 2159351.31	39 5		44.617 N	109		59.408 \
8779.00	2.50	163.00	8619.82	1002.56	393.29	7142191.60	2159351.31	39 5 39 5		44.584 N 44.318 N	109 3		59.282 \ 59.172 \
8897.00	2.50	163.00	8737.71	997.64	394.80	7142159.95	2159361.99	39 5		44.269 N	109 :		59.153 \

Survey Report - Closure

RBU #14-10E

SECTION 15, T10S, R19E

Uintah County, Utah



Ryan Energy Report of Downhole Survey

Company: DOMINION
Field: UTAH
Site: UINTAH COUNTY

RBU #14-10E AS DRILLED Well: Wellpath:

Date: 9/23/2004

Time: 13:33:13 Page: : Site: UINTAH COUNTY, True North

Co-ordinate(NE) Reference: Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference:

SITE 0.0 Well (0.00N,0.00E,21.59Azi) Db: Sybase

Survey:

AS DRILLED

Company: Ryan Energy

Start Date:

8/30/2004

Engineer:

Tied-to:

Survey Calculation Method:

Stephanie Altrock

User Defined

Tool:	
Survey	

Stn	MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA deg	
1	535.00	0.00	0.00	535.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	553.00	0.20	200.10	553.00	-0.03	-0.01	-0.03	1.11	0.03	200.10	
3	630.00	1.40	31.00	629.99	0.65	0.43	0.76	2.07	0.78	33.31	
4	722.00	2.50	15.50	721.94	3.55	1.54	3.87	1.32	3.87	23.50	
5	814.00	4.30	12.00	813.77	8.86	2.80	9.26	1.97	9.29	17.52	
6	907.00	6.80	2.20	906.33	17.77	3.73	17.90	2.87	18.16	11.86	
7	999.00	8.50	2.90	997.51	30.00	4.29	29.47	1.85	30.31	8.13	
8	1091.00	10.70	8.50	1088.22	45.24	5.89	44.24	2.60	45.62	7.42	
9	1187.00	14.30	12.70	1181.93	65.63	9.82	64.64	3.87	66.36	8.51	
10	1282.00	17.20	14.10	1273.35	90.70	15.82	90.16	3.08	92.07	9.89	
11	1377.00	19.20	16.20	1363.60	119.33	23.60	119.64	2.22	121.64	11.19	
12	1473.00	18.90	16.90	1454.34	149.37	32.52	150.85	0.39	152.87	12.28	
13	1569.00	18.40	17.30	1545.30	178.71	41.55	181.46	0.53	183.48	13.09	
14	1664.00	18.60	17.60	1635.39	207.46	50.59	211.52	0.34			
15	1760.00	18.70	17.60	1726.35	236.73				213.54	13.70	
			17.00		230./3	59.87	242.15	0.10	2 44 .18	14.19	
16	1855.00	17.30	17.30	1816.70	264.73	68.68	271.43	1.48	273.49	14.54	
17	1951.00	16.60	16.90	1908.52	291.48	76.91	299.33	0.74	301.46	14.78	
18	2047.00	15.60	20.80	2000.76	316.67	85.48	325.91	1.53	328.00	15.11	
19	2142.00	15.60	22.50	2092.26	340.41	94.90	351.45	0.48	353.39	15.58	
20	2238.00	16.40	16.60	2184.55	365.33	103.72	377.86	1.89	379.76	15.85	
21	2333.00	16.60	16.90	2275.64	391.16	111.49	404.75	0.23	406.74	15.91	
22	2429.00	18.00	16.90	2367.29	418.48	119.79	433.20	1.46	435.29	15.97	
23	2525.00	16.90	15.90	2458.87	446.09	127.93	461.87	1.19			
24	2620.00	17.10	15.50	2549.72	472.83	135.44	489.49	0.24	464.07	16.00	
25	2715.00	17.60	11.60	2640.40	500.36	142.06	517.53	1.33	491.85 520.14	15.98 15.85	
26	2790.00	17.20	11.30	2711.97	522.34	146.52	539.61	0.55	542.50	45.67	
27	2828.00	16.70	12.00	2748.32	533.19	148.75	550.52	1.42		15.67 45.50	
28	2923.00	16.40	13.80	2839.38	559.57	154.79	577.26		553.55	15.59	
29	3019.00	17.90	20.40	2931.12	586.56	163.17		0.63	580.58	15.46	
30	3114.00	17.30	21.50	3021.67	613.39		605.45	2.56	608.83	15.55	
		17.50	21.00	3021.07	013.39	173.43	634.17	0.72	637.43	15.79	
31	3210.00	16.00	19.40	3113.65	639.15	183.06	661.66	1.49	664.85	15.98	
32	3306.00	17.30	23.60	3205.62	664.71	193.17	689.15	1.84	692.21	16.20	
33	3401.00	16.50	25.70	3296.52	689.81	204.67	716.73	1.06	719.53	16.53	
34	3496.00	17.00	28.90	3387.49	714.13	217.24	743.96	1.10	746.44	16.92	
35	3592.00	16.40	30.30	3479.44	738.11	230.86	771.27	0.75	773.37	17.37	
36	3688.00	16.40	22.50	3571.55	762.34	242.88	798.22	2.29	800.09	17.67	
37	3783.00	17.10	18.30	3662.52	787.99	252.40	825.58	1.47	827.43	17.76	
38	3879.00	15.80	16.60	3754.59	813.92	260.57	852.69	1.44	854.61	17.76 17.75	
39	3974.00	16.40	18.70	3845.86	839.01	268.56	878.97	0.88			
40	4069.00	15.50	20.80	3937.21	863.58	277.37	905.06	1.13	880.95 907.03	17.75 17.81	
41	4163.00	16.30	21.10	4027.61	887.63	286.58	930.81	0.06			
42	4259.00	17.10	22.90	4119.56	913.20			0.86	932.75	17.89	
43	4354.00	17.00	20.10	4210.39		296.92	958.39	0.99	960.26	18.01	
44	4450.00	14.30	16.20		939.11	307.13	986.24	0.87	988.06	18.11	
45	4545.00	12.70	17.30	4302.82 4395.19	963.68 984.92	315.26 321.64	1012.07 1034.17	3.02 1.71	1013.94 1036.11	18.12 18.09	
46	4640.00	11.70									
			18.30	4488.05	1004.04	327.77	1054.20	1.08	1056.18	18.08	
47 40	4735.00 4830.00	10.80	15.50	4581.22	1021.76	333.17	1072.67	1.11	1074.71	18.06	
48 49		8.90	16.60	4674.82	1037.38	337.65	1088.84	2.01	1090.95	18.03	
+3	4925.00	7.60	15.20	4768.83	1050.49	341.40	1102.41	1.38	1104.57	18.00	



Ryan Energy Report of Downhole Survey

Company: DOMINION Field:

UTAH

Site: UINTAH COUNTY
Well: RBU #14-10E
Wellpath: AS DRILLED

Date: 9/23/2004

Time: 13:33:13

e: 13:33:13 Page:
Site: UINTAH COUNTY, True North
SITE 0.0

Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:

Well (0.00N,0.00E,21.59Azi) Minimum Curvature

Db: Sybase

2

Survey

Stn	MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA deg
50	5020.00	6.30	14.50	4863.13	1061.59	344.35	1113.82	1.37	1116.05	17.97
51	5115.00	3.70	18.70	4957.76	1069.55	346.64	1122.06	2.76	1124.32	17.96
52	5210.00	0.50	36.60	5052.69	1072.78	347.87	1125.52	3.40	1127.77	17.97
53	5273.00	0.30	7.80	5115.69	1073.17	348.05	1125.95	0.44	1128.20	17.97
54	5722.00	0.50	210.00	5564.68	1072.64	347.23	1125.15	0.18	1127.44	17.94
55	6222.00	2.00	153.00	6064.56	1062.97	350.10	1117.22	0.36	1119.14	18.23
56	6722.00	2.00	153.00	6564.26	1047.42	358.03	1105.68	0.00	1106.92	18.87
57	7211.00	2.00	157.00	7052.96	1031.97	365.23	1093.96	0.03	1094.69	19.49
58	7711.00	2.50	35.00	7552.76	1032.87	374.90	1098.35	0.79	1098.80	19.95
59	8190.00	3.00	162.00	8031.50	1029.50	384.77	1098.86	1.03	1099.06	20.49
60	8779.00	2.50	163.00	8619.82	1002.56	393.29	1076.94	0.09	1076.94	21.42
61	8897.00	2.50	163.00	8737.71	997.64	394.80	1072.91	0.00	1072.91	21.59

Annotation

MD TVD

Division of Oil, Gas and Mining **OPERATOR CHANGE WORKSHEET**

ROUTING
1. DJJ
2. CDW

X -	Change	of O	perator	(Well	Sold)

X - Change of Operator (Well Sold)			Operat	oi ivaille	Change/Merg	<u> </u>	
The operator of the well(s) listed below has char	iged, effectiv	e:	<u>.</u>		7/1/2007	. ,	
FROM: (Old Operator):	· · · · · ·		TO: (New Op	perator):	-		
N1095-Dominion Exploration & Production, Inc			N2615-XTO E1	nergy Inc			
14000 Quail Springs Parkway, Suite 600			810 Ho	uston St			
Oklahoma City, OK 73134			Fort Wo	orth, TX 76	5102		
Phone: 1 (405) 749-1300	* *		Phone: 1 (817)	870-2800			
CA No.			Unit:		RIVER I		
WELL NAME	SEC TWN	RNG	API NO	ENTITY	LEASE TYPE		WELL
		·		NO		TYPE	STATUS
SEE ATTACHED LIST	<u> </u>						L
ODED ATOD CHANCES DOCUMENT	ATTON						
OPERATOR CHANGES DOCUMENT	ATION						
Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation w	as received fi	rom the	FORMER one	rator on:	8/6/2007		
2. (R649-8-10) Sundry or legal documentation w			==		8/6/2007	•	
			-				8/6/2007
		mmer ce	Business Numb	-	5655506-0143		8/0/2007
4a. Is the new operator registered in the State of			- Business Numb	er.	3033300-0143		
4b. If NO, the operator was contacted contacted			INI DI ACT				
5a. (R649-9-2)Waste Management Plan has been r			IN PLACE				
5b. Inspections of LA PA state/fee well sites comp			n/a				
5c. Reports current for Production/Disposition &			<u>ok</u>				
6. Federal and Indian Lease Wells: The Bi							
or operator change for all wells listed on Feder	al or Indian	leases c	on:	BLM	-	BIA	-
7. Federal and Indian Units:							
The BLM or BIA has approved the successor	_					•	
8. Federal and Indian Communization Ag	_		•				
The BLM or BIA has approved the operator				TITOE		- 	
9. Underground Injection Control ("UIC	,				orm 5, Transfer	oi Autno	ority to
Inject, for the enhanced/secondary recovery u	nit/project for	r the wa	ater disposal wel	l(s) listed o	n:		-
DATA ENTRY:			0/05/0005				
1. Changes entered in the Oil and Gas Database		C.	9/27/2007	•	0/27/2007		
2. Changes have been entered on the Monthly O	perator Cha	inge Sp			9/27/2007	•	
3. Bond information entered in RBDMS on:4. Fee/State wells attached to bond in RBDMS o	n.		<u>9/27/2007</u> <u>9/27/2007</u>	•			
			9/27/2007	-			
5. Injection Projects to new operator in RBDMS6. Receipt of Acceptance of Drilling Procedures		v on.	3/2//2007	9/27/2007			
BOND VERIFICATION:	101 711 15/1101	W OII.		7/2//2007	-		
1 P 1 1 11/1 11 P 137 1			UTB000138				
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: 			n/a	•			
3a. (R649-3-1) The NEW operator of any state/f	ee well(s) list	ted cov		umber	104312762		
3b. The FORMER operator has requested a relea	, ,		-	1/23/2008		•	
The Division sent response by letter on:	or or ambandy			2,22,200	•		
LEASE INTEREST OWNER NOTIFIC	CATION:		- ·· · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·
4. (R649-2-10) The NEW operator of the fee well		ntacted	l and informed b	y a letter fr	om the Division		
of their responsibility to notify all interest own						<u> </u>	
COMMENTS:			and the base to				

STATE OF UTAH	FORM 9								
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:								
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:								
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:								
1. TYPE OF WELL OIL WELL ☐ GAS WELL ✓ OTHER	8. WELL NAME and NUMBER:								
2. NAME OF OPERATOR:	SEE ATTACHED 9. API NUMBER:								
XTO Energy Inc. $N36/5$	SEE ATTACHED								
B. ADDRESS OF OPERATOR: 810 Houston Street PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:								
CITY Fort Worth STATE TX ZIP 76102 (817) 870-2800	Natural Buttes								
FOOTAGES AT SURFACE: SEE ATTACHED	соинту: Uintah								
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: UTAH									
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA								
TYPE OF SUBMISSION TYPE OF ACTION									
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION								
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL								
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON								
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR								
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE								
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL								
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF								
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:								
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION									
Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134 April	from: list and is responsible lands. Bond coverage								
NAME (PLEASE PRINT) <u>Edwin S. Rvan, Jr. a</u> TITLE <u>Sr. Vice Presiden</u>	t - Land Administration								
SIGNATURE COLUMN & Lym. TM DATE 7/31/2007	C - Land Administration								

(5/2000)

APPROVED 9 131107

Coulene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED AUG 0 6 2007

DIV. OF OIL, GAS & MINING

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304730087	OSCU 2	NWSE	03	100S	200E	U-037164	7050	Federal	GW	P
4304730266	RBU 11-18F	NESW	18	100S	200E	U-013793	7050	Federal	GW	P
4304730374	RBU 11-13E	NESW	13	100S	190E	U-013765	7050	Federal	GW	P
4304730375	RBU 11-15F	NESW	15	100S	200E	U-7206	7050	Federal	GW	P
4304730376	RBU 7-21F	SWNE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304730405	RBU 11-19F	NESW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304730408	RBU 11-10E	NESW	10	100S	190E	U-013792	7050	Federal	GW	P
4304730410	RBU 11-14E	NESW	14	100S	190E	U-013792	7050	Federal	GW	P
4304730411	RBU 11-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304730412	RBU 11-16F	NESW	16	100S	200E	U-7206	7050	Federal	GW	P
4304730585	RBU 7-11F	SWNE	11	100S	200E	U-01790	7050	Federal	GW	P
4304730689	RBU 11-3F	NESW	03	100S	200E	U-013767	7050	Federal	GW	P
4304730720	RBU 7-3E	SWNE	03	100S	190E	U-013765	7050	Federal	GW	P
4304730759	RBU 11-24E	NESW	24	100S	190E	U-013794	7050	Federal	GW	P
4304730761	RBU 7-10F	SWNE	10	100S	200E	U-7206	7050	Federal	GW	P
4304730762	RBU 6-20F	SENW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304730768	RBU 7-22F	SWNE	22	100S	200E	14-20-H62-2646	7050	Indian	GW	P
4304730887	RBU 16-3F	SESE	03	100S	200E	U-037164	7050	Federal	GW	P
4304730915	RBU 1-15E	NENE	15	100S	190E	U-013766	7050	Federal	GW	P
4304730926	RBU 1-14E	NENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304730927	RBU 1-22E	NENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304730970	RBU 1-23E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P
4304730971	RBU 4-19F	NWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304730973	RBU 13-11F	SWSW	11	100S	200E	U-7206	7050	Federal	WD	A
4304731046	RBU 1-10E	NWNE	10	100S	190E	U-013792	7050	Federal	GW	S
4304731115	RBU 16-16F	SESE	16	100S	200E	U-7206	7050	Federal	GW	P
4304731140	RBU 12-18F	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304731141	RBU 3-24E	NENW	24	100S	190E	U-013794	7050	Federal	GW	P
4304731143	RBU 3-23E	NENW	23	100S	190E	U-013766	7050	Federal	GW	P
4304731144	RBU 9-23E	NESE	23	100S	190E	U-013766	7050	Federal	GW	P
4304731145	RBU 9-14E	NESE	14	100S	190E	U-013792	7050	Federal	GW	P
4304731160	RBU 3-15E	NENW	15	100S	190E	U-013766	7050	Federal	GW	P
4304731161	RBU 10-15E	NWSE	15	100S	190E	U-013766	7050	Federal	GW	P
4304731176	RBU 9-10E	NESE	10	100S	190E	U-013792	7050	Federal	GW	P
4304731196	RBU 3-14E	SENW	14	100S	190E	U-013792	7050	Federal	GW	P
4304731252	RBU 8-4E	SENE	04	100S	190E	U-013792	7050	Federal	GW	P
4304731322	RBU 1-19F	NENE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304731323	RBU 5-10E	SWNW	10	100S	190E	U-013792	7050	Federal	GW	P
4304731369	RBU 3-13E	NENW	13	100S	190E	U-013765	7050	Federal	GW	P
4304731518	RBU 16-3E	SESE	03	100S	190E	U-035316		Federal		
4304731519	RBU 11-11F	NESW	11	100S	200E	U-7206	7050	Federal	GW	P
4304731520	RBU 1-17F	NENE	17	100S	200E	U-013769-B	7050	Federal	GW	P
4304731605	RBU 9-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	P
4304731606	RBU 3-22E	NENW	22	100S	190E	U-013792		Federal		
4304731607	RBU 8-24E	SENE	24	1		U-013794		Federal		
4304731608	RBU 15-18F	SWSE	18			U-013794		Federal		

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304731613	RBU 5-11F	SWNW	11			U-7206		Federal		P
4304731615	RBU 4-22F	NWNW	22	 		U-0143521-A		Federal		S
4304731652	RBU 6-17E	SWNW	17		-	U-03535		Federal		P
4304731715	RBU 5-13E	SWNW	13			U-013765		Federal		P
4304731717	RBU 13-13E	SWSW	13	 		U-013765	ļ	Federal		P
4304731739	RBU 9-9E	NESE	09	I		U-03505		Federal		P
4304732033	RBU 13-14E	SWSW	14	4	J	U-013792		Federal		P
4304732037	RBU 11-3E	NESW	03			U-013765		Federal		P
4304732038	RBU 6-18F	SENW	18		-	U-013769		Federal		
4304732040	RBU 15-24E	SWSE	24			U-013794	 	Federal		P
4304732041	RBU 5-14E	SWNW	14	 		U-013792		Federal	 	P
4304732050	RBU 12-20F	NWSW	20			U-0143520-A	1	Federal		P
4304732051	RBU 7-13E	SWNE	13	100S	190E	U-013765		Federal		P
4304732070	RBU 16-19F	SESE	19			U-013769-A		Federal	-	A
4304732071	RBU 9-22E	NESE	22			U-013792		Federal		P
4304732072	RBU 15-34B	SWSE	34	090S	190E	U-01773		Federal		P
4304732073	RBU 11-15E	NESW	15			U-013766		Federal	1	P
4304732074	RBU 13-21F	SWSW	21	100S	200E	U-0143520-A		Federal	4	P
4304732075	RBU 10-22F	NWSE	22	100S	200E	U-01470-A	7050	Federal	GW	P
4304732081	RBU 9-20F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732082	RBU 15-23E	SWSE	23	100S	190E	U-013766	7050	Federal	GW	P
4304732083	RBU 13-24E	SWSW	24	100S	190E	U-013794	7050	Federal	GW	P
4304732095	RBU 3-21E	NENW	21	100S	190E	U-013766	7050	Federal	GW	P
4304732103	RBU 15-17F	SWSE	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304732105	RBU 13-19F	SWSW	19	100S	200E	U-013769-A	7050	Federal		
4304732107	RBU 1-21E	NENE	21	100S	190E	U-013766		Federal		
4304732128	RBU 9-21E	NESE	21	1		U-013766		Federal		
4304732129	RBU 9-17E	NESE	17	100S	190E	U-03505		Federal		
4304732133	RBU 13-14F	SWSW	14			U-013793-A		Federal		P
4304732134	RBU 9-11F	NESE	11			U-7206		Federal		P
4304732138	RBU 5-21F	SWNW	21			U-013793	£	Federal		
4304732146	RBU 1-20E	NENE	20			U-03505		Federal		
4304732149	RBU 8-18F	SENE	18	<u> </u>		U-013769		Federal		P
4304732153	RBU 13-23E	SWSW				U-13766		Federal		
4304732154	RBU 5-24E	SWNW	24		+	U-013794		Federal		-
4304732156	RBU 5-14F	SWNW	14			U-013793A	4	Federal		
4304732166	RBU 7-15E	SWNE	15			U-013766		Federal		· -
4304732167	RBU 15-13E	SWSE	13			U-013765		Federal		
4304732189	RBU 13-10F	SWSW	10			14-20-H62-2645		Indian	GW	
4304732190	RBU 15-10E	SWSE	10			U-013792		Federal		
4304732191	RBU 3-17FX	NENW	17			U-013769-C		Federal		
4304732197	RBU 13-15E	SWSW	15			U-013766		Federal		
4304732198	RBU 7-22E	SWNE	22			U-013792		Federal		
4304732199	RBU 5-23E	SWNW	23			U-013766		Federal		
4304732201	RBU 13-18F	SWSW	18	 		U-013793		Federal		
4304732211	RBU 15-15E	SWSE	15	100S	190E	U-013766	<u> </u>	Federal	<u> GW</u>	P

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304732213	RBU 5-19F	SWNW	19			U-013769-A		Federal	GW	
4304732217	RBU 9-17F	NESE	17			U-013769-C		Federal		
4304732219	RBU 15-14E	SWSE	14			U-013792		Federal	GW	
4304732220	RBU 5-3E	SWNW	03			U-03505		Federal	GW	
4304732228	RBU 9-3E	NESE	03	<u> </u>		U-035316		Federal	GW	
4304732239	RBU 7-14E	SWNE	14			U-103792			GW	3
4304732240	RBU 9-14F	NESE	14			U-013793-A			GW	
4304732242	RBU 5-22E	SWNW	22			U-013792			GW	
4304732263	RBU 8-13E	SENE	13			U-013765		Federal	GW	
4304732266	RBU 9-21F	NESE	21			U-0143520-A		Federal	GW	
4304732267	RBU 5-10F	SWNW	10	-	ļ	U-7206		Federal	GW	
4304732268	RBU 9-10F	NESE	10		 	U-7206		Federal	GW	
4304732269	RBU 4-15F	NWNW	15		<u> </u>	INDIAN		Indian	GW	
4304732270	RBU 14-22F	SESW	22	1.	ļ.,	U-0143519		Federal	GW	
4304732276	RBU 5-21E	SWNW	21		<u> </u>	U-013766		Federal	GW	
4304732289	RBU 7-10E	SWNE	10	100S	190E	U-013792		Federal	GW	P
4304732290	RBU 5-17F	SWNW	17			U-013769-C			GW	1
4304732293	RBU 3-3E	NENW	03	100S	190E	U-013765	7050	Federal	GW	P
4304732295	RBU 13-22E	SWSW	22		<u> </u>	U-013792			GW	P
4304732301	RBU 7-21E	SWNE	21	100S	190E	U-013766			GW	P
4304732309	RBU 15-21F	SWSE	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732310	RBU 15-20F	SWSE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732312	RBU 9-24E	NESE	24	100S	190E	U-013794	7050	Federal	GW	P
4304732313	RBU 3-20F	NENW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304732315	RBU 11-21F	NESW	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732317	RBU 15-22E	SWSE	22	100S	190E	U-013792	7050	Federal	GW	P
4304732328	RBU 3-19FX	NENW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304732331	RBU 2-11F	NWNE	11	100S	200E	U-01790	7050	Federal	GW	
4304732347	RBU 3-11F	NENW	11	100S	200E	U-7206	7050	Federal	GW	
4304732391	RBU 2-23F	NWNE	23	100S	200E	U-013793-A	7050	Federal	GW	
4304732392	RBU 11-14F	NESW	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732396	RBU 3-21F	NENW	21			U-013793-A		Federal	GW	II.
4304732407	RBU 15-14F	SWSE	14			U-013793-A		Federal		
4304732408	RBU 4-23F	NWNW	23		 	U-013793-A		Federal		
4304732415	RBU 3-10EX (RIG SKID)	NENW	10		 	UTU-035316		Federal		
4304732483	RBU 5-24EO	SWNW	24		 	U-013794		Federal		
4304732512	RBU 8-11F	SENE	11			U-01790		Federal		
4304732844	RBU 15-15F	SWSE	15		 	14-20-H62-2646		Indian	GW	
4304732899	RBU 3-14F	NENW	14		-	U-013793-A		Federal		
4304732900	RBU 8-23F	SENE	23			U-013793-A		Federal		
4304732901	RBU 12-23F	NWSW	23			U-01470-A		Federal		
4304732902	RBU 1-15F	NENE	15	+		U-7260		Federal		
4304732903	RBU 3-15F	NENW	15		<u> </u>	U-7260		Federal		
4304732904	RBU 9-15F	NESE	15			U-7260		Federal		
4304732934	RBU 3-10F	NENW	10			U-7206		Federal		
4304732969	RBU 11-10F	NESW	10	100S	200E	U-7206	7050	Federal	GW	P

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304732970	RBU 12-15F	NWSW	15	100S	200E	U-7206	7050	Federal	GW	
4304732971	RBU 15-16F	SWSE	16	100S	200E	U-7206	7050	Federal	GW	S
4304732972	RBU 1-21F	NENE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304732989	RBU 13-10E	SWSW	10	100S	190E	U-013792	7050	Federal	GW	P
4304732990	RBU 13-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304732991	RBU 6-19F	SENW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733033	RBU 7-23E	NWNE	23	100S	190E	U-013766	7050	Federal	GW	P
4304733034	RBU 9-18F	NESE	18	100S	200E	U-013794	7050	Federal	GW	P
4304733035	RBU 14-19F	SESW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733087	RBU 6-23F	SENW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304733088	RBU 1-10F	NENE	10	100S	200E	U-7206	7050	Federal	GW	P
4304733089	RBU 8-22F	SENE	22	100S	200E	U-0143521	7050	Federal	GW	P
4304733090	RBU 11-22F	NESW	22	100S	200E	U-0143519	7050	Federal	GW	P
4304733091	RBU 16-22F	SESE	22	100S	200E	U-01470-A	7050	Federal	GW	P
4304733156	RBU 4-14E	NWNW	14	100S	190E	U-013792	7050	Federal	GW	P
4304733157	RBU 7-19F	SWNE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733158	RBU 7-20F	SWNE	20	100S	200E	U-013793-A	7050	1	GW	
4304733159	RBU 7-24E	SWNE	24	100S	190E	U-013794	7050	Federal	GW	P
4304733160	RBU 8-15E	SENE	15	100S	190E	U-013766	7050	Federal	GW	P
4304733161	RBU 16-10E	SESE	10	100S	190E	U-013792	7050	Federal	GW	P
4304733194	RBU 2-14E	NWNE	14	100S	190E	U-013792	7050	Federal	GW	P
4304733272	RBU 13-3F	SWSW	03	100S	200E	U-013767	7050	Federal	GW	
4304733361	RBU 5-3F	SWNW	03			U-013767	7050	Federal	GW	
4304733362	RBU 15-10F	SWSE	10			U-7206		Federal	GW	
4304733363	RBU 5-16F	SWNW	16			U-7206			GW	
4304733365	RBU 12-14E	NWSW	14			U-013792			GW	
4304733366	RBU 5-18F	SWNW	18			U-013769		Federal	GW	
4304733367	RBU 10-23F	NWSE	23			U-01470-A		Federal	GW	
4304733368	RBU 14-23F	SESW	23		·	U-01470-A	ļ	Federal	GW	
4304733424	RBU 5-20F	SWNW	20		 	U-013793-A			GW	
4304733643	RBU 2-13E	NWNE	13	· · · · · · · · · · · · · · · · · · ·		U-013765	 	Federal	GW	
4304733644	RBU 4-13E	NWNW	13	1	1	U-013765		Federal	GW	
4304733714	RBU 4-23E	NWNW	23			U-013766	ł	Federal		
4304733715	RBU 6-13E	SENW	13		1	U-013765		Federal		
4304733716	RBU 10-14E	NWSE	14	 		U-013792		Federal		
4304733838	RBU 8-10E	SENE	10	 		U-013792		Federal		
4304733839	RBU 12-23E	NWSW	23			U-013766		Federal		
4304733840	RBU 12-24E	NWSW	24			U-013794		Federal		
4304733841	RBU 14-23E	SESW	23			U-013766		Federal		
4304734302	RBU 1-23F	NENE	23		·	UTU-013793-A		Federal	<u> </u>	
4304734661	RBU 16-15E	SESE	15			U-013766	 	Federal		
4304734662	RBU 10-14F	NWSE	14		<u> </u>	U-013793-A		Federal		
4304734663	RBU 6-14E	SENW	14			U-013792		Federal		
4304734670	RBU 8-23E	NENE	23	The Street Commence of the Street Commence of	and the same of	U-013766		Federal		
4304734671	RBU 4-24E	NENE	23		·	U-013766		Federal		
4304734701	RBU 12-11F	SENW	11	100S	200E	U-7206	7050	Federal	GW	P

09/27/2007

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	<u> </u>	lease_num	entity	Lease	well	
4304734702	RBU 2-15E	NWNE	15	100S	190E	U-013766			GW	
4304734703	RBU 4-17F	NWNW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304734745	RBU 10-20F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734749	RBU 7-18F	SWNE	18	100S	200E	U-013769	7050	Federal	GW	P
4304734750	RBU 12-10F	SWSW	10	100S	200E	14-20-H62-2645	7050	Indian	GW	P
4304734810	RBU 10-13E	NWSE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734812	RBU 1-24E	NENE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734826	RBU 12-21F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734828	RBU 4-15E	NWNW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734844	RBU 14-14E	SESW	14	100S	190E	U-013792	7050	Federal	GW	P
4304734845	RBU 10-24E	NWSE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734888	RBU 4-21E	NWNW	21	100S	190E	U-013766	7050	Federal	GW	P
4304734889	RBU 16-24E	SESE	24	100S	190E	U-13794	7050	Federal	GW	P
4304734890	RBU 12-18F2	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734891	RBU 10-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304734892	RBU 8-22E	SENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304734906	RBU 6-22E	SENW	22	100S	190E	U-013792	7050	Federal	GW	P
4304734907	RBU 2-24E	NWNE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734910	RBU 4-16F	NWNW	16	100S	200E	U-7206	7050	Federal	GW	P
4304734911	RBU 12-19F	NWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734912	RBU 14-20F	SESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734942	RBU 1-22F	NWNW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304734945	RBU 8-19F	SENE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734946	RBU 8-20F	SENE	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304734962	RBU 12-17F	NWSW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304734963	RBU 2-17F	NWNE	17			U-013769-C	14117	1	GW	
4304734966	RBU 14-18F	SESW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734967	RBU 10-18F	NWSE	18	100S	200E	U-013794	7050	Federal	GW	
4304734968	RBU 10-19F	NWSE	19	1		U-013769-A	1	Federal	GW	
4304734969	RBU 10-3E	NWSE	03			U-035316		Federal	GW	
4304734970	RBU 12-3E	NWSW	03			U-013765	7050	Federal	GW	P
4304734971	RBU 15-3E	SWSE	03	<u> </u>	<u> </u>	U-35316		Federal	GW	
4304734974	RBU 12-10E	NWSW	10		1	U-013792			GW	
4304734975	RBU 14-10E	NENW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734976	RBU 16-13E	SESE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734977	RBU 8-14E	SENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304734978	RBU 6-15E	SENW	15	100S	190E	U-013766			GW	1
4304734979	RBU 12-15E	NWSW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734981	RBU 16-17E	SESE	17	100S	190E	U-013766	7050	Federal	GW	P
4304734982	RBU 8-21E	SENE	21	100S	190E	U-013766	7050	Federal	GW	P
4304734983	RBU 4-22E	NWNW	22			U-013792	7050	Federal	GW	P
4304734986	RBU 2-20F	NWNE	20	100S	200E	U-03505	7050	Federal	GW	P
4304734987	RBU 9-20E	SWNW	21	100S	190E	U-03505		Federal	<u> </u>	
4304734989	RBU 7-20E	NENE	20	100S	190E	U-03505	7050	Federal	GW	P
4304734990	RBU 8-20E	SWNW	21		•	U-03505	14164	Federal	GW	P
4304735041	RBU 16-23E	SWSE	23	100S	190E	U-013766	7050	Federal	GW	P

RIVER BEND UNIT

api	well_name	qtr_qtr	sec			lease_num	entity Lease	well	
4304735042	RBU 12-22E	NWSW	22			U-013792	14165 Federal	GW	
4304735058	RBU 7-23F	SWNE	23	100S	200E	U-013793-A	7050 Federal	GW	
4304735059	RBU 12-13E	NWSW	13	100S	190E	U-013765	7050 Federal	GW	P
4304735060	RBU 14-13E	SESW	13	100S	190E	U-013765	7050 Federal	GW	P
4304735061	RBU 2-22E	NWNE	22	100S	190E	U-013792	7050 Federal	GW	P
4304735062	RBU 6-24E	SENW	24	100S	190E	U-013794	7050 Federal	GW	P
4304735082	RBU 4-17E	NWNW	17	100S	190E	U-03505	7050 Federal	GW	P
4304735086	RBU 16-14E	NENE	23	100S	190E	U-013792	7050 Federal	GW	P
4304735087	RBU 2-3E	NWNE	03	100S	190E	U-013765	7050 Federal	GW	P
4304735088	RBU 6-3E	SENW	03	100S	190E	U-03505	7050 Federal	GW	P
4304735100	RBU 10-10E	NWSE	10	100S	190E	U-013792	7050 Federal	GW	P
4304735101	RBU 16-22E	SESE	22	100S	190E	U-013792	7050 Federal	GW	P
4304735112	RBU 14-24E	SESW	24	100S	190E	U-013794	7050 Federal	GW	P
4304735129	RBU 6-21F	SENW	21	100S	200E	U-013793-A	7050 Federal	GW	P
4304735170	RBU 1-9E	NESE	09	100S	190E	U-03505	7050 Federal	GW	P
4304735171	RBU 16-9E	NESE	09	100S	190E	U-013765	7050 Federal	GW	P
4304735232	RBU 14-21F	SESW	21	100S	200E	U-0143520	7050 Federal	GW	P
4304735250	RBU 13-19F2	NWSW	19	100S	200E	U-013769-A	7050 Federal	GW	P
4304735251	RBU 15-19F	SWSE	19	100S	200E	U-013769-A	7050 Federal	GW	P
4304735270	RBU 16-21E	SESE	21		 	U-013766	7050 Federal	GW	P
4304735304	RBU 13-20F	SWSW	20	100S	200E	U-013769	7050 Federal	GW	P
4304735305	RBU 4-21F	NWNW	21			U-013793-A	7050 Federal	GW	
4304735306	RBU 16-21F	SESE	21	100S	200E	U-0143520-A	7050 Federal	GW	
4304735468	RBU 15-22F	SWSE	22		·	U-01470-A	7050 Federal	GW	P
4304735469	RBU 11-23F	SENW	23	100S	200E	U-01470A	7050 Federal	GW	P
4304735549	RBU 1-14F	NENE	14	100S	200E	UTU-013793-A	7050 Federal	GW	P
4304735640	RBU 2-21E	NWNE	21	100S	190E	U-013766	7050 Federal	GW	P
4304735644	RBU 10-17E	NWSE	17	100S	190E	U-013766	7050 Federal	GW	P
4304735645	RBU 12-21E	NWSW	21	100S	190E	U-013766	7050 Federal	GW	P
4304736200	RBU 8-17E	SWNE	17	100S	190E	U-013766	7050 Federal	GW	P
4304736201	RBU 15-17EX	SWSE	17	100S	190E	U-013766	7050 Federal	GW	P
4304736293	RBU 2-10E	NWNE	10	100S	190E	U-013792	7050 Federal	GW	P
4304736294	RBU 6-10E	NENW	10	100S	190E	U-013792	7050 Federal	GW	P
4304736296	RBU 6-21E	SENW	21	100S	190E	U-013766	7050 Federal	GW	P
4304736297	RBU 10-22E	NWSE	22	100S	190E	U-013792	7050 Federal		
4304736318	RBU 14-22E	SESW	22	100S	190E	U-013792	7050 Federal	GW	P
4304736427	RBU 9-15E	NESE	15	100S	190E	U-013766	7050 Federal	GW	DRL
4304736428	RBU 2-17E	NWNE	17	100S	190E	U-013766	7050 Federal	GW	P
4304736429	RBU 1-17E	NENE	17	100S	190E	U-013766			DRL
4304736432	RBU 3-19F2	NWNW	19			U-013769-A	15234 Federal	GW	P
4304736433	RBU 14-17F	SESW	17	100S	200E	U-03505	7050 Federal	GW	
4304736434	RBU 2-19F	NWNE	19			U-013769-A	7050 Federal	GW	
4304736435	RBU 5-19FX	SWNW	19			U-013769-A		GW	
4304736436	RBU 4-20F	NWNW	+	4	4	U-013793-A	7050 Federal		
4304736605	RBU 16-14F	SESE	14			U-013793A	7050 Federal		
4304736608	RBU 4-3E	NWNW				U-035316	7050 Federal		

RIVER BEND UNIT

12101		I	1			14		1-	1 44	T
api	well_name	qtr_qtr	sec	twp	rng	lease_num		Lease	well	stat
4304736609	RBU 8-3E	SENE	03			U-013765		Federal	GW	P
4304736610	RBU 14-3E	SESW	03			U-013765		Federal	GW	
4304736686	RBU 13-3E	NWSW	03	100S		U-013765		Federal	GW	1
4304736810	RBU 1-3E	NENE	03			U-013765.	7050	Federal	GW	DRL
4304736850	RBU 2-10F	NWNE	10	100S	200E	U-7206	7050	Federal	GW	P
4304736851	RBU 8-21F	SENE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304737033	RBU 4-10E	SWNW	10	100S	190E	U-035316	7050	Federal	GW	P
4304737057	RBU 11-17E	NWSE	17	100S	190E	U-03505	7050	Federal	GW	DRL
4304737058	RBU 3-17E	NENW	17	100S	190E	U-03505	7050	Federal	GW	P
4304737201	RBU 3-23F	NENW	23	100S	200E	U-013793-A	7050	Federal	OW	P
4304737341	RBU 11-20F	NESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304737342	RBU 5-15F	SWNW	15	100S	200E	U-7206	7050	Federal	OW	P
4304737343	RBU 10-16F	NWSE	16	100S	200E	U-7206	7050	Federal	OW	P
4304737344	RBU 9-16F	NESE	16	100S	200E	U-7206	7050	Federal	OW	S
4304737450	RBU 14-17E	SESW	17	100S	190E	U-03505	7050	Federal	GW	P
4304737747	RBU 15-9E	NWNE	16	100S	190E	U-013765	7050	Federal	GW	DRL
4304737893	RBU 9-4EA	SENE	04	100S	190E	U-03505	7050	Federal	GW	P
4304737998	RBU 13-23F	SWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P
4304738181	RBU 12-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL
4304738182	RBU 11-4E	SE/4	04	100S	190E	U-03505	99999	Federal	GW	DRL
4304738294	RBU 2-4E	NWNE	04	100S	190E	U-013792	7050	Federal	GW	DRL
4304738295	RBU 5-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL
4304738543	RBU 28-18F	NESE	13	100S	190E	U 013793-A	7050	Federal	GW	DRL
4304738548	RBU 32-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	DRL
4304738555	RBU 27-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL
4304738556	RBU 27-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL
4304738557	RBU 30-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304738558	RBU 29-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL
4304738595	RBU 31-10E	NENE	15	100S	190E	U-013792	7050	Federal	GW	DRL
4304738596	RBU 17-15E	NENE	15	100S	190E	U-013766		Federal	GW	DRL
4304738780	RBU 8B-17E	SENE	17	100S	190E	U-013766	7050	Federal	GW	DRL

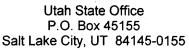
RIVER BEND UNIT

api	well name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304730153	NATURAL 1-2	SENW	02			ML-10716	11377		OW	PA
4304730260	RBU 11-16E	NESW	16			ML-13214		State	GW	S
4304730583	RBU 11-36B	NESW	36			ML-22541	99998		NA	PA
4304730608	RBU 8-16D	SENE	16	100S		ML-13216	99998	ļ	NA	PA
4304730760	RBU 11-2F	NESW	02	100S		ML-10716		State	OW	S
4304731740	RBU 1-16E	NENE	16	100S	190E	ML-13214		State	GW	P
4304732026	RBU 16-2F	SESE	02	100S	200E	ML-10716	7050	State	GW	P
4304732042	RBU 9-16E	NESE	16			ML-13214	7050	State	GW	P
4304732108	RBU 14-2F	SESW	02	100S	200E	ML-10716	7050	State	GW	P
4304732136	RBU 8-2F	SENE	02	100S	200E	ML-10716	7050	State	GW	P
4304732137	RBU 5-16E	SWNW	16	100S	190E	ML-13214	7050	State	GW	P
4304732245	RBU 7-16E	SWNE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732250	RBU 13-16E	SWSW	16	100S	190E	ML-13214	7050	State	GW	S
4304732292	RBU 15-16E	SWSE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732314	RBU 10-2F	NWSE	02	100S	200E	ML-10716	7050	State	GW	P
4304732352	RBU 3-16F	NENW	16	100S	200E	ML-3393-A	7050	State	GW	
4304733360	RBU 1-16F	NENE	16	100S	200E	ML-3393	7050	State	GW	P
4304734061	RBU 6-16E	SWNE	16	100S	190E	ML-13214	7050	State		P
4304734167	RBU 1-2F	NENE	02	100S	200E	ML-10716		State	GW	LA
4304734315	STATE 11-2D	NESW	02	100S	180E	ML-26968		State	GW	LA
4304734903	RBU 14-16E	SWSW	16	100S	190E	ML-13214	7050	State	D	PA
4304735020	RBU 8-16E	SENE	16	100S	190E	ML-13214	7050	State	GW	P
4304735021	RBU 10-16E	SWSE	16	100S	190E	ML-13214	7050	State	GW	P
4304735022	RBU 12-16E	NESW	16	100S		ML-13214	7050	State	GW	
4304735023	RBU 16-16E	SWSW	15			ML-13214	7050	State	GW	P
4304735033	RBU 2-16E	NWNE	16			ML-13214		State	GW	
4304735081	RBU 15-2F	SWSE	02			ML-10716		State	GW	
4304735348	RBU 13-16F	NWNW	21			ML-3394		State		DRL
4304736169	RBU 4-16E	NENW	16			ML-13214	 	State	GW	
4304736170	RBU 3-16E	NENW	16	100S	190E	ML-13214	7050	State	GW	P



United States Department of the Interior

BUREAU OF LAND MANAGEMENT





6669

IN REPLY REFER TO 3180 UT-922

Dominion Exploration & Production, Inc. Attn: James D. Abercrombie 14000 Quail Springs Parkway, #600 Oklahoma City, OK 73134-2600

August 10, 2007

Re:

River Bend Unit Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the River Bend Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the River Bend Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED
AUG 1 6 2007
DIV. OF OIL, GAS & MINING

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

5. Lease Serial No.

SUNDRY NOTICES Do not use this form for parabandoned well. Use Form	<u>U-013766</u> 6. If Indian, Alfo	ttee or Tribe Name			
SUBMIT IN TRIPLICAT	E - Other instruction	s on page 2		1	'Agreement, Name and/or No
1. Type of Well Oil Well X Gas Well Other 2. Name of Operator XTO Bnergy Inc. 3a. Address 382 CR 3100 Aztec, NM 87410 4. Location of Well (Footage, Sec., T., R., M., or Survey III.) 12. CHECK APPROPRIATE TYPE OF SUBMISSION X Notice of Intent Subsequent Report Final Abandonment Notice 13. Describe Proposed or Completed Operation (clearly lift the proposal is to deepen directionally or recomp Attach the Bond under which the work will be per following completion of the involved operations. It testing has been completed. Final Abandonment Notice	Description) 10S-R19E BOX(ES) TO INDI Acidize Alter Casing Casing Repair Change Plans Convert to Injection state all pertinent details lete horizontally, give subformed or provide the Bottom of the operation results in	3b. Phone No. (include 505-333-310 CCATE NATURE OF Practure Treat New Construction Plug and Abandon Plug Back including estimated states surface locations and mond No. on file with Bland multiple completion of	F NOTICE, REPORT Production Production Recompletion Temporation Water District and true we M/BIA. Required are recompletion in a recom	NATURAL BUT 11. County or F UINTAH ORT, OR OTHEF on (Start/Resume) ion ete rily Abandon sposal roposed work and a critical depths of all subsequent seports new interval a For	d No. 5 pol, or Exploratory Area TES WASATCH MV Parish, State UT R DATA Water Shut-Off Well Integrity Other pproximate duration thereof, pertinent markers and zones, shall be filed within 30 days and 3160-4 shall be filed once
determined that the final site is ready for final inspect XTO Energy Inc. proposes to tempo be TA'd in order to drill the REU	tion.) rarily abandon tl	•	-		,
	#30-10E			COPY	SENT TO OPERATOR
1 140	epted by the h Division of has and Mining	Federal Action	Approval Of This I Is Necessary	Initial R	SECEIVED AUG 2 5 2008 OF OIL, GAS & MINING
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) LORRY D. BINKAM		Title PPT	LATORY COMPL	ANTO TOYU	
1 10 10 10	m	Date 8/20/0		LINE IELN	
	SPACE FOR FEDE	RAL OR STATE O	FFICE USE		
Approved by		Title		Date	
Conditions of approval, if any, are attached. Approval of this noting the applicant holds legal or equitable title to those rights in the subjectified the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, recommendations are supplied to the subjection of the subjection of the subjection in the sub	ject lease which would		make to any done	aml or Approx of the 11	nited States any files

Approv	ed	

River Bend Unit #14-10E Sec 15, T 10 S, R 19 E Uintah County, Utah

TA Well to Drill New Wells

Surf csg:

9-5/8", 36# esg @ 2,812'. Cmt circ to surf.

Prod csg:

5-1/2", 17#, M-80 csg @ 8,886'. Cmtd w/845 sxs cmt. TOC @3,350'. PBTD 8,871'

Tbg:

283 jts 2-3/8", 4.7#, J-55 tbg, EOT @ 8,777', SN @8,775'.

Perfs:

CW: 6,158'-82', 6,780'-6,800'. MV: 7,946'-64', 7,968'-71', 8,023'-28', 8,058'-85', 8,494'-

8,503', 8,580'-8,592', 8,624'-48', 8,720'-44', 8,824'-40'.

Production:

Plunger Lift, 174 MCFPD, trace BOPD, 1.0 BWPD.

Purpose:

The RBU#14-10E needs to be TA'd in order for a pad well, the RBU 30-10E to be

drilled.

- Cycle and recover plunger. MIRU SLU. Recover plunger if it doesn't cycle and recover BHBS.
 Contact John Egelston, Drilling Engineer, in Farmington office regarding Gyro fir/surf t to 3,500'
 (Downhole Survey report fr/535' to 8,897' from Ryan Energy dated 9/23/2004 exist). RDMO WL.
- 2. MIRU PU. Blow down and kill well w/2% KCl wtr treated w/biocide & scale inhibitor.
- 3. ND WH, NU BOP. TIH and tag fill. TOH 125 jts of 2-3/8" original tbg.
- 4. PU 5-1/2" Model C RBP, 4' perf sub, & MU to 158 jts 2-3/8" tbg remaining in well.
- 5. TIH w/tail sub, perf sub, 5-1/2" RBP ret head, & 125 jts of tbg. Set RBP @ +/- 3,875'. Displace well w/ 2% KCl wtr containing biocide & scale inhibitor. PT RBP to 1,000 psi. Ld tbg on hgr. ND BOP, install 2" vlv in hgr. RDMO PU.

Regulatory:

• Submit NOI to TA well, submit Sundry after task has been performed, submit NOI to reactivate TA'd well, submit Sundry after RWTP.

Equipment:

• 5-1/2" RBP, 4' perf sub, 4 its of 2-3/8" tbg.

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

DOGM	COPMRN
	OMB
	Expire

M APPROVED NO 1004-0137

OMB	1O. I	004	-0131
Expires	July	31,	2010

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. SUBMIT IN TRIPLICATE - Other instructions on page 2					tee or Tribe Name Agreement, Name and/or No
					NIT
. Type of Well Oil Well X Gas Well Other				8. Well Name and RBU #14-10E	I Ne.
Name of Operator XTO Energy Inc.		3b. Phone No. (include area		9. API Well No.	
a. Address	43-047-3497				
382 CR 3100 Aztec, NM 87410 505-333-3100					ol, or Exploratory Area
Location of Well (Footage, Sec., T., R., M., or Survey I.	Description)			NATURAL BUT	
114' FNL & 1471' FWL NENW SEC 15-T	10S-R19E			II. County or P	
				UINTAH	UTAH
12. CHECK APPROPRIATE	BOX(ES) TO IN	DICATE NATURE OF N	OTICE, REPO	ORT, OR OTHER	R DATA
TYPE OF SUBMISSION		ТҮР	E OF ACTION		
Notice of Intent	Acidize	Deepen		on (Start/Resume)	Water Shut-Off
ļ <u> </u>	Alter Casing	Fracture Treat	Reclamat	ion [Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomple	ete	Other
	Change Plans	Plug and Abandon	Tempora	rily Abandon	
Final Abandonment Notice	Convert to Inject	ion Plug Back	Water Di	sposal	
 Describe Proposed or Completed Operation (clear) If the proposal is to deepen directionally or recomp Attach the Bond under which the work will be per following completion of the involved operations. 	plete horizontally, give a rformed or provide the If the operation results	subsurface locations and meas Bond No, on file with BLM/ in a multiple completion or re	ured and true vi BIA. Required completion in a	subsequent reports new interval, a Fo	shall be filed within 30 day m 3160-4 shall be filed one

testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been determined that the final site is ready for final inspection.)

XTO Energy Inc. temporarily abandoned this well on 9/11/2008 in order to drill the RBU #18-15E and the RBU #30-10E. This well has been returned to production on 7/1/2009 with an initial flow rate of 650 MCFPD.

> RECEIVED JUL 02 2009

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) BARBARA A. NICOL	l'itle REGULATORY CLI	ERK
Signature Barbara a. Vical	Date 7/2/2009	
THIS SPACE FOR FEDERAL	OR STATE OFFICE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9		
		5.LEASE DESIGNATION AND SERIAL NUMBER: U-013766		
SUND	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepen ex igged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: RIVER BEND	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: RBU 14-10E	
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047349750000	
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410 505 333-3159 Ext		PHONE NUMBER:	9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0114 FNL 1471 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 15 Township: 10.0S Range: 19.0E Meridian: S		COUNTY: UINTAH		
			STATE: UTAH	
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
✓ SUBSEQUENT REPORT	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
Date of Work Completion: 8/4/2009	L DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION	
	☐ PRODUCTION START OR RESUME	PLUG AND ABANDON RECLAMATION OF WELL SITE	☐ PLUG BACK ☐ RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	UBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	□ WATER SHUTOFF □	SI TA STATUS EXTENSION	APD EXTENSION	
Report Date:	☐ WILDCAT WELL DETERMINATION ✓	OTHER	OTHER: PWOPL	
12 DESCRIBE BRODOSED OR CO		•	'	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc., put this well on plunger lift per the following: 8/4/2009 MIRU Production Logging Services SLU. Found SN to be @ 8673'. PU & RIHAccepted by the w/ 1.625" blind box tls. Tagged fill @ 8845'. POH & LD tls. PU & RIH w/ Utah Division of 1.908" tbg broach. No ti spots or sc. POH & LD tls. PU & RIH w/ new Oil, Gas and Mining Ferguson BHBS w/ chck vlv & chased to sn. POH & LD tls. RDMO Productor RECORD ONLY Logging Services. Lease Operator dropd plngr & set up computer to operate in plngr lift mode. RWTP @ 2:45 p.m. 8/4/09. Final rpt. NAME (PLEASE PRINT) PHONE NUMBER TITLE				
Dolena Johnson	505 333-3164	Regulatory Compliance Tech		
SIGNATURE N/A		DATE 10/29/2009		

Sundry Number: 61567 API Well Number: 43047349750000

STATE OF UTAH		FORM 9		
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		5.LEASE DESIGNATION AND SERIAL NUMBER: U-013766		
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: RIVER BEND		
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: RBU 14-10E		
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047349750000	
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood,	CO, 80155 303 397-3	PHONE NUMBER: 727 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE:		COUNTY: UINTAH		
0114 FNL 1471 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 15 Township: 10.0S Range: 19.0E Meridian: S		STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION			
	✓ ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION	
3/2/2015	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION	
	WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12 DESCRIBE BRODOSED OR			donths volumes etc	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 2/20/2015: MIRU SLU. RIH w/fish tls. POH. Rec plngr & BHBS. RIH w/tbg broach to SN. POH. No ti spots. RIH w/BB. Tgd fill @ 8,857' (14' fill) POH. Left all equip out for ac job. RDMO SLU. 2/24/2015: MIRU ac pmp trk. NU hd lines to tbg & csg mstr vlvs. Pmpd 640 gal 15% HCL ac dwn csg. Pmpd 320 gal 15% HCL ac dwn tbg. Pmpd 25 bbl TFW dwn tbg. Pmpd 40 bbl TFW dwn csg. ND hd lines. SWI & SDFN. RDMO pmp trk. 2/25/2015: MIRU SWU. RU & RIH swb tls. Swab 4 runs (5 hrs). Sec run, wire cup hung up @ 7,500'. Pulled cups free & POH. Tried several other cups & could not pull fluid. Lots of solids on swb cups, SWI & SDFN. 2/26/2015: MIRU wtr truck dump 30 bbls FW dwn tbg, for flsh. RIH swb tls. Swab 14 runs (7 hrs). SWI & SDFN. 2/27/2015: RIH swb tls. Swab 17 runs (9 hrs). SWI & SDFWE. 3/2/2015: RIH swb tls. Swab 14 runs (8.5 hrs) Well KO flwg. Dropd BHBS & plng. Cycle plng to surf & RWTP 3/2/2015.				
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMB 303-397-3736	ER TITLE Regulatory Analyst		
SIGNATURE N/A		DATE 3/17/2015		